



Parts Manual

Serial Number Range

Z-135/70

From SN 100 to 2000

Part No. 106877

Rev H1

June 2018

Technical Publications

Genie has endeavored to deliver the highest degree of accuracy possible. However, continuous improvement of our products is a Genie policy. Therefore, product specifications are subject to change without notice.

Readers are encouraged to notify Genie of errors and send in suggestions for improvement. All communications will be carefully considered for future printings of this and all other manuals.

Contact Us:

Internet: www.genielift.com
e-mail: awp.techpub@terex.com

Find a Manual for this Model

Go to <http://www.genielift.com>

Use the links to locate Operator's, Parts, Maintenance, and Service and Repair Manuals.

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First Edition, Eighth Printing

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A TEREX BRAND

Model: Z-135/70

Serial number: Z13505-12345

Model year: 2005 **Manufacture date:** 04/12/05

Electrical schematic number: ES0366

Machine unladen weight:

Rated work load (including occupants): 600 lb / 273 kg

Maximum number of platform occupants: 2

Maximum allowable side force : 150 lb / 670 N

Maximum allowable inclination of the chassis:
0 deg

Maximum wind speed : 28 mph/ 12.5 m/s

Maximum platform height : 135 ft/ 41.15 m

Maximum platform reach : 69 ft 9 in/ 21.26 m

Gradeability: 45%

Country of manufacture: USA

This machine complies with:

ANSI A92.5

CAN B.354.4

Terex South Dakota, Inc.

18340 NE 76th Street

Redmond, WA 98052

USA



11111111

Z135 05 - 12345

Model

Year of
manufacture

Sequence
number

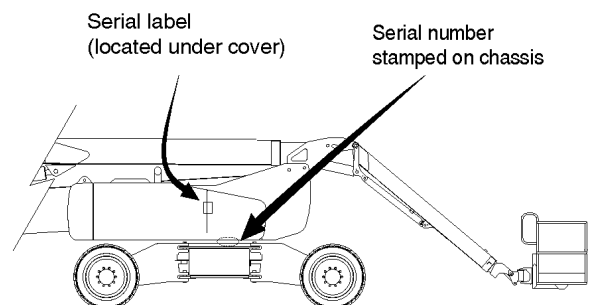


Table of Contents

This manual is updated frequently. If you have a printed manual, you can keep it up to date by downloading new figures from the Genie website at www.genielift.com. For the most up-to-date parts information, visit the Parts Lookup System on the Genie website at www.genielift.com.

How to Read Your Serial Number.....	3
Parts Stocking List.....	7
How to Order Parts.....	8
Service Parts Fax Order Form.....	9

Electronic Version

Click on any page number to view the figure.

100 Decals

101.1 Word Decals.....	10
102.1 Symbol Decals.....	14

200 Drive Chassis

201.1 Top View.....	16
202.1 Steer Yoke, Wheel Drive and Motor.....	18
203.1 Steer Sensor and Steer Cylinder.....	20
204.1 Chassis Components, Yellow Triangle Side.....	22
205.1 Chassis Components, Blue Triangle Side.....	24

300 Turntable Components

301.1 Tank Side Covers.....	26
302.1 Engine Side Covers.....	28
303.1 Engine Compartment Components.....	30
304.1 Hydraulic Tank Side Components.....	32
305.1 Ground controls.....	36
306.1 Turntable Center Components.....	38
307.1 Secondary Boom Lift Cylinder.....	42
308.1 Wire Harness Diagram.....	44

400 Engine Components

401.1 Cummins B4. 5L Engine, View 1 (to SN 950).....	46
401.2 Cummins B3.3T Engine, View 1 (from SN 951).....	48
402.1 Cummins B4.5L Engine, View 2 (to SN 950).....	50
402.2 Cummins B3.3T Engine, View 2 (from SN 951).....	52
403.1 Deutz BF4L 2011 / TD2011L04i Engine, View 1.....	54
404.1 Deutz BF4L 2011 / TD2011L04i Engine, View 2.....	56
405.1 Perkins 1104C-44 Engine, View 1 (to SN 952).....	60
405.2 Perkins 804D-33T Engine, View 1 (from SN 953).....	62
406.1 Perkins 1104C-44 Engine, View 2 (to SN 952).....	64

406.2 Perkins 804D-33T Engine, View 2 (from SN 953).....	66
--	----

500 Boom Components

501.1 Secondary Boom Tube Reference.....	68
502.1 Secondary Boom Tube 1 (to SN 1853).....	70
502.2 Secondary Boom Tube 1 (from SN 1854).....	72
503.1 Secondary Boom Tube 2.....	74
504.1 Secondary Boom Tube 3.....	76
505.1 Secondary Boom Tube 4.....	78
506.1 Secondary Boom Extension Cylinders.....	80
507.1 Secondary Boom Cable Track and Pull Tube.....	82
508.1 Secondary Boom Cable and Hose Clamps, Front View.....	84
509.1 Secondary Boom Cable and Hose Clamps, Rear View.....	86
510.1 Primary Boom Link, Lever and Lift Cylinder (to SN 359).....	88
510.2 Primary Boom Link, Lever and Lift Cylinder (from SN 360).....	90
511.1 Primary Boom Angle Sensor and Retract Limit Switch (to SN 1853).....	92
511.2 Primary Boom Angle Sensor and Retract Limit Switch (from SN 1854).....	94
512.1 Primary Boom Cable Track.....	96
513.1 Primary Boom Bearings and Wear Pads.....	98
514.1 Primary Extension Boom.....	100
515.1 Bellcrank, Bellcrank Level Cylinder and Jib Boom Lift Cylinder (to SN 1853).....	102
515.2 Bellcrank, Bellcrank Level Cylinder and Jib Boom Lift Cylinder (from SN 1854).....	104
516.1 Jib Boom Cable Track.....	106
517.1 Jib Boom Extension and Platform Level Cylinders.....	108
518.1 Jib Boom Tubes and Wear Pads.....	110
519.1 Platform Rotator.....	112

600 Platform Components

601.1 Platform Mount.....	114
602.1 Platform Configurations.....	116
603.1 Platform Control Box, View 1.....	118
604.1 Platform Control Box, View 2.....	120
605.1 Toggle Switch Lid Option.....	122
606.1 Joysticks.....	124

700 Hydraulic Components

701.1 Traction Manifold, View 1.....	126
702.1 Traction Manifold, View 2.....	128
703.1 Steer/Axle Manifold.....	130
704.1 Jib Manifold.....	132
705.1 Function Manifold, View 1 (to SN 439).....	134

705.2 Function Manifold, View 1 (from SN 440).....	136
706.1 Function Manifold, View 2 (to SN 439).....	138
706.2 Function Manifold, View 2 (from SN 440).....	140
707.1 Function Enable Valve and Platform Rotator Manifold.....	142
708.1 Platform Manifold.....	144
709.1 Hydraulic Hoses and Fittings, Drive System.....	146
710.1 Hydraulic Hoses and Fittings, Steering System.....	148
711.1 Hydraulic Hoses and Fittings, Turntable Components.....	150
712.1 Hydraulic Hoses and Fittings, Boom Components...	152
713.1 Hydraulic Hoses and Fittings, Platform Components.	154
714.1 Pumps.....	156

800 Accessories

801.1 Platform Accessories.....	158
802.1 Hostile Environment Option - Secondary Boom Wipers.....	162
802.2 Hostile Environment Option - Primary and Jib Boom Wipers, Cable Track Covers.....	164
803.1 Hostile Environment Option - Bellows Installation.....	166
804.1 Load Sense.....	168
805.1 Belt Driven Generator, Deutz Models.....	170
806.1 Belt Driven Generator, Cummins Models.....	172
807.1 Belt Driven Generator, Perkins Models.....	174
808.1 Air Line to Platform.....	176
809.1 Circuit Board Heater Option.....	178
810.1 Hostile Environment Option - Engine Air Cleaners (to SN 952).....	180
810.2 Hostile Environment Option - Engine Air Cleaners (from SN 953).....	182
811.1 Cold Start Package.....	184
812.1 Welder Option - Chassis Components.....	186
813.1 Welder Option - Platform Components.....	190
814.1 Welder Option - Hydraulic Hoses and Fittings.....	192
815.1 Welder Option - Generator Components.....	194
816.1 Hydraulic Generator Option.....	196
817.1 Hydraulic Hoses and Fittings, Hydraulic Generator Option.....	198
818.1 Boom Latch Kit.....	200
819.1 Aircraft Protection Package (from 1071).....	202
820.1 Operator Protection Structure.....	204
821.1 Fall Arrest Bar.....	206

Indices

Part Number Index.....	208
Part Description Index.....	215

Cross References

Fittings Cross Reference.....	226
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Notes

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Required Parts

The following parts are required to perform maintenance procedures as outlined in the Genie Z-135/70 Service Manual.

Description	Part No.
Filter Element - Medium and High Pressure.....	60857
FILTER ELEMENT,10 MICRON	131323
Filter Element - Tank Return.....	101959
Engine Oil Filter - Cummins Models	102288
Engine Oil Filter - Deutz Models.....	49924
Engine Oil Filter - Perkins Models	102632
Fuel Filter/Separator - Cummins Models.....	102287
Fuel Filter - Deutz Models	108543
Fuel Filter/Separator - Perkins Models	62433
Fuel Filter - Perkins Models.....	102639
Air Filter Element	62425
O-ring Kit (for ORFS Fitting)	49612
Plug and Cap Kit (for ORFS Fitting)	49613
Dielectric Grease	66339

Recommended Parts

Description	Part No.
Genie Blue Paint, 1 Gallon	32150
Genie Blue Paint, 12 Ounce Aerosol.....	1484
Genie Gray Paint, 1 Gallon.....	32151
Genie Gray Paint, 12 Ounce Aerosol	1268

Manuals

Genie Industries offers the following support documents for these models:

Title	Part No.
EMI Safety Manual	27581
Manual of Responsibilities	
ANSI A92.5	31779

How to Order Parts

Please be prepared with the following information when ordering replacement parts for your Terex or Genie product.

- ☒ Machine model number
- ☒ Machine serial number
- ☒ Part number
- ☒ Part description and quantity
- ☒ Purchase order number
- ☒ "Ship to" address
- ☒ Desired method of shipment
- ☒ Name and telephone number of the authorized distributor in your area

Use the Service Parts Fax Order Form on the next page and fax your order to our Parts Department.

If you don't know the name of your authorized distributor, or if your area is not currently serviced by an authorized distributor, please call Terex or Genie Industries.

Machine Information

Model

Serial Number

Date of Purchase

Authorized Genie Distributor

Phone Number

North America

Telephone (425)881-1800

Toll Free (800)536-1800 in US and Canada

Fax (425)556-8659

Toll Free fax (888)274-6192

Email AWP.PartsSalesPO@terex.com

<http://genielift.com/en>

EMEAR (Europe, Middle East, Africa and Russia)

Telephone (31)(165)519 313

Fax (31)(165)511 148

<http://genielift.co.uk>

Asia Pacific (Genie Singapore)

Telephone +65 6692 7777

Fax +65 6261 8893

<http://genielift.com.sg/>

Australia

Telephone (61)(7)3456 4444

Fax (61)(7)3456 4466

<http://genielift.com.au>

South America

Telephone (55)(11)4082 5600

Fax (55)(11)4082 5630



Fax to: (425) 556-8659 or Toll Free: 888-274-6192
International: +1-425-556-8659

Please fill out completely

_____ Your Phone Number _____

Purchase Order Number _____ Ship Via _____

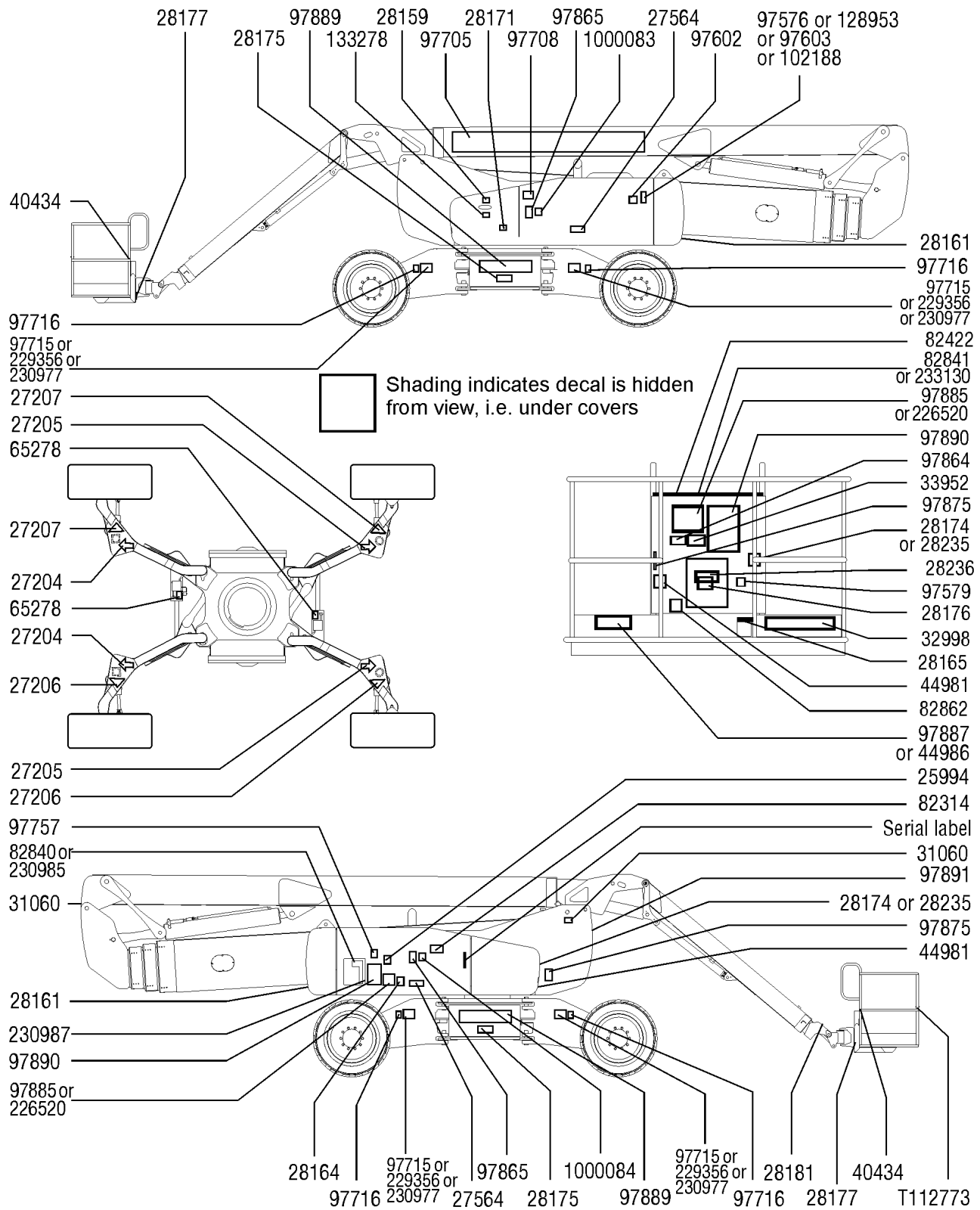
Optional Equipment _____

[illegible]

All back-ordered parts will be shipped when available via the same ship method as the original order unless Noted below:

- ☐ Ship complete order only - No back orders
- ☐ Ship all available parts and - contact customer on disposition of back-ordered parts
- ☐ Other (please specify)

101.1 Word Decals



101.1 Word Decals

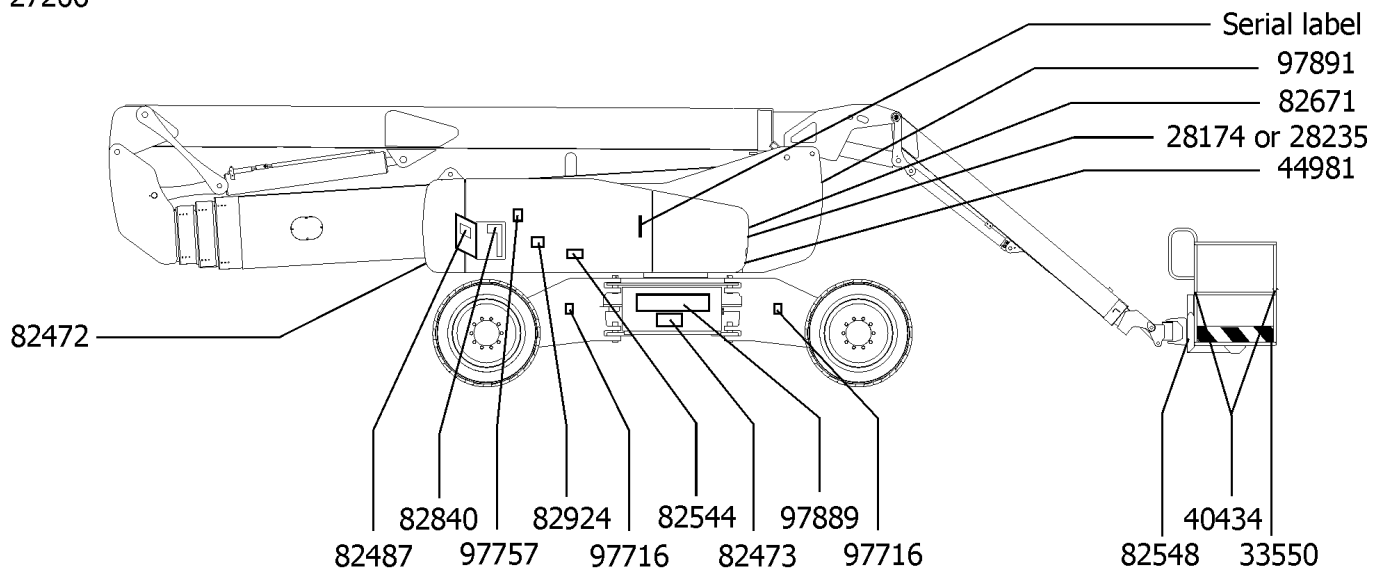
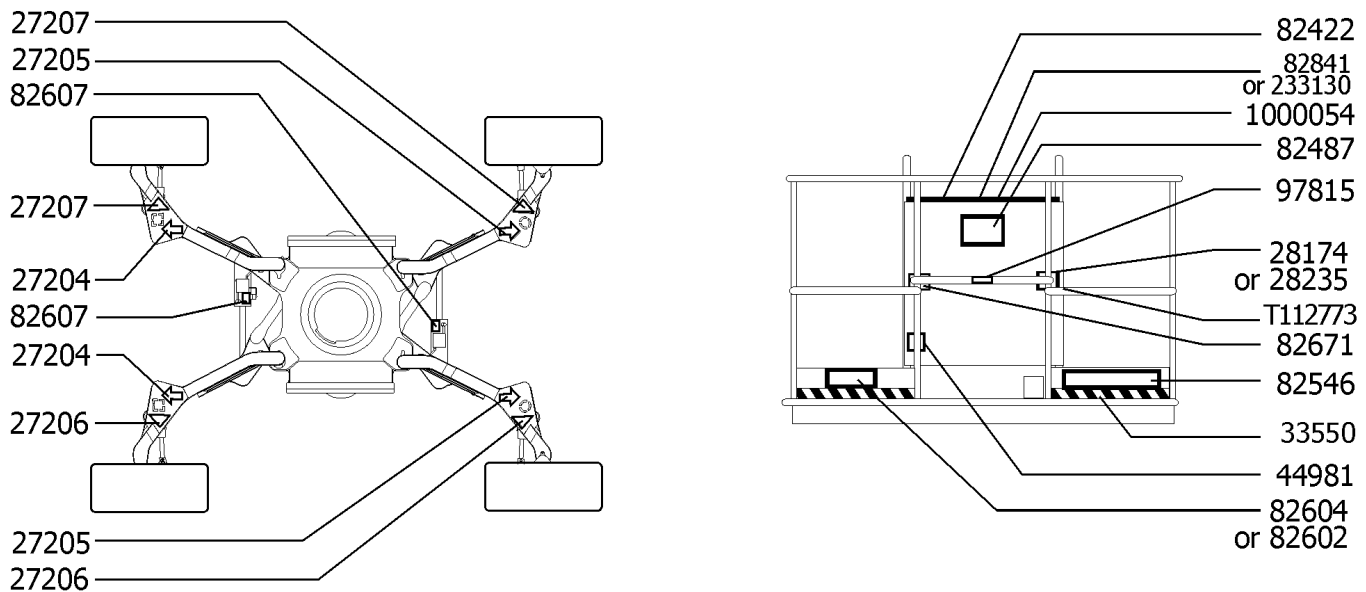
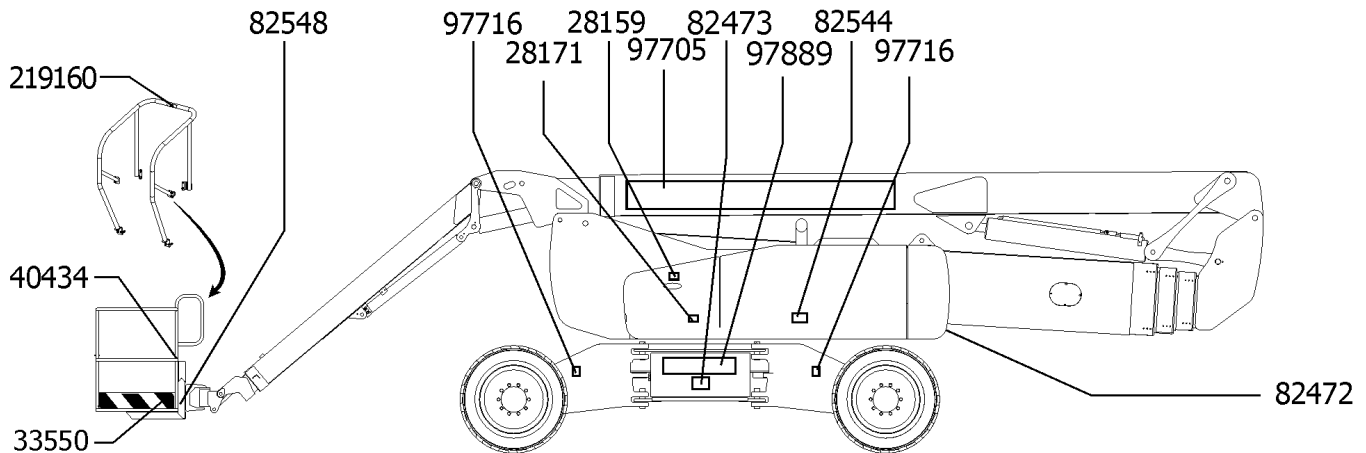
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	107692GT	DECAL KIT - WORD, Z135 <i>does not include items 12, 17, 24, 42, 47 or 48</i>		--	128953GT	DECAL,ENGINE SPEC,DEUTZ,TD2011 <i>Deutz; from SN 778</i>	
1	25994GT	DECAL,NOTICE,SHUTOFF VALVES.....1		31	97602GT	DECAL,EXPLOSION HAZARD.....1	
2	27204GT	DECAL,ARROW BLUE.....2		32	97603GT	DECAL,NOTICE,PERKINS ENGINE,T2.....1	
3	27205GT	DECAL,ARROW YELLOW LRG 9".....2				<i>Perkins 1104C</i>	
4	27206GT	DECAL,TRIANGLE,BLUE.....2		32A	128974GT	DECAL,ENGINE SPEC,PERKINS,804T.....1	
5	27207GT	DECAL,TRIANGLE,YELLOW.....2				<i>Perkins 804D</i>	
6	27564GT	DECAL,DANGER,ELEC.HAZ.STAY CLR.....2		33	97705GT	DECAL,COSMETIC,GENIE Z-135/70.....1	
7	28159GT	DECAL,LABEL,DIESEL FUEL.....1		34	97708GT	DECAL,LABEL,FUSE RELAY PANEL.....1	
8	28161GT	DECAL,WARN,CRUSH HAZARD HAND.....2		35	97715GT	DECAL,DANGER/NOTICE,TIRE SPECS.....4	
9	28164GT	DECAL,NOTICE,HAZARDOUS MAT'LS*.....1				<i>to SN 1640</i>	
10	28165GT	DECAL,INSTRUCT,FOOTSWITCH OPER.....1		--	229356GT	DECAL,DANGER/NOTICE,TIRE SPECS <i>from SN 1641</i>	
11	28171GT	DECAL,DANGER,NO SMOKING ***.....1		36	97716GT	DECAL,LABEL,WHEEL LOAD Z135.....4	
12	28174GT	DECAL, POWER TO PLATFORM 230V**.....2		37	97757GT	DECAL,LABEL,OIL LEVEL IND.....1	
13	28175GT	DECAL,WARNING-COMPART ACCESS.....2		38	97864GT	DECAL,CAUTION,COLLISION HAZ.....1	
14	28176GT	DECAL,LABEL,MANUAL NOT HERE.....1		39	97865GT	DECAL,WARN,ELECTRO HAZARD.....2	
15	28177GT	DECAL,WARN,CRUSH HAZARD PLAT.....2		40	97875GT	DECAL,WARN.WELD LINE INST.WORD.....2	
16	28181GT	DECAL,WARN,FALL HAZARD.....1				<i>welder ready option</i>	
17	28235GT	DECAL,POWER TO PLATFORM 115V...2		41	97885GT	DECAL,NOTICE,OPERATING INST.....2	
18	28236GT	DECAL,WARN,IMPROPER OPERATION.....1		42	97887GT	DECAL,INSTR,MAX SIDE FRC,ANSI.....1	
19	31060GT	DECAL,DANGER DO NOT ALTER SWTC.....2				<i>ANSI & CSA</i>	
20	32998GT	DECAL,NOTICE,MAX LOAD 600 LBS....1		43	97890GT	DECAL,DANGER,GEN SAFETY RULES.....2	
21	33952GT	DECAL,DANGER,TILT ALARM.....1		44	97889GT	DECAL,COSMETIC,Z-135 CHASSIS.....2	
22	40434GT	DECAL,LANYARD ANCHORAGE POINT.....3		45	97891GT	DECAL,COSMETIC,GENIE Z-135.....1	
23	44981GT	DECAL,LABEL,AIR LINE 110 PSI.....2		46	102188GT	DECAL,CUMMINS ENG SPECS.....1	
24	44986GT	DECAL,INSTR,SIDE FRC/WIND,AUS.....1		47	1000083GT	DECAL,NOTICE,START/CONTRL BATT.....1	
		<i>Australia</i>					
25	65278GT	DECAL,CAUTION,NO STEP.....2		48	1000084GT	DECAL,CAUTION,AUX BATTERIES.....1	
26	82314GT	DECAL,DANGER,TIP-OVER.....1		49	133278GT	DECAL,LOW/ULTRA LOW SULFR FUEL.....1	
27	82422GT	DECAL,PATCH,DRIVING LIGHT.....1		50	T112773GT	TAPE, PROTECTIVE MASK.....2	
28	82840GT	DECAL,GROUND CONTROL PANEL.....1				<i>from SN 1414</i>	
29	82841GT	DECAL,PLATFORM CONTROL PANEL.....1		51	226520GT	DECAL,INST,OPER,INST,Z135,AUS <i>Australia</i>	
--	82308GT	DECAL,CONTROL PANEL PROT 82281 <i>top clear protection for the platform box decal 82841</i>		52	230977GT	DECAL,SOLID TIRE,445/65D22.5 <i>from SN 1610</i>	
30	97576GT	DECAL,EXPLOSION HAZARD.....1		53	230985GT	DECAL,GROUND CONTROL,Z135	
		<i>Deutz; to SN 777</i>		54	230987GT	DECAL, SERVICE RECOVERY SWITCH	
				55	233130GT	DECAL, PCON, TOG SW, Z135	
				--	161522GT	DECAL, PROTECTIVE COVER, Z135 PBOX <i>top clear protection for the platform box decal 233130</i>	

101.1 Word Decals
(continued)

Item	Part No.	Description	Qty.
56	219160GT	DECAL, INSTRUCTION, OPS.....1 <i>option</i>	
57	97579GT	DECAL,DANGER,TIP-OVER,WELDER** <i>welder option</i>	
58	82862GT	DECAL,FIRE EXTINGUISHER <i>welder option</i>	

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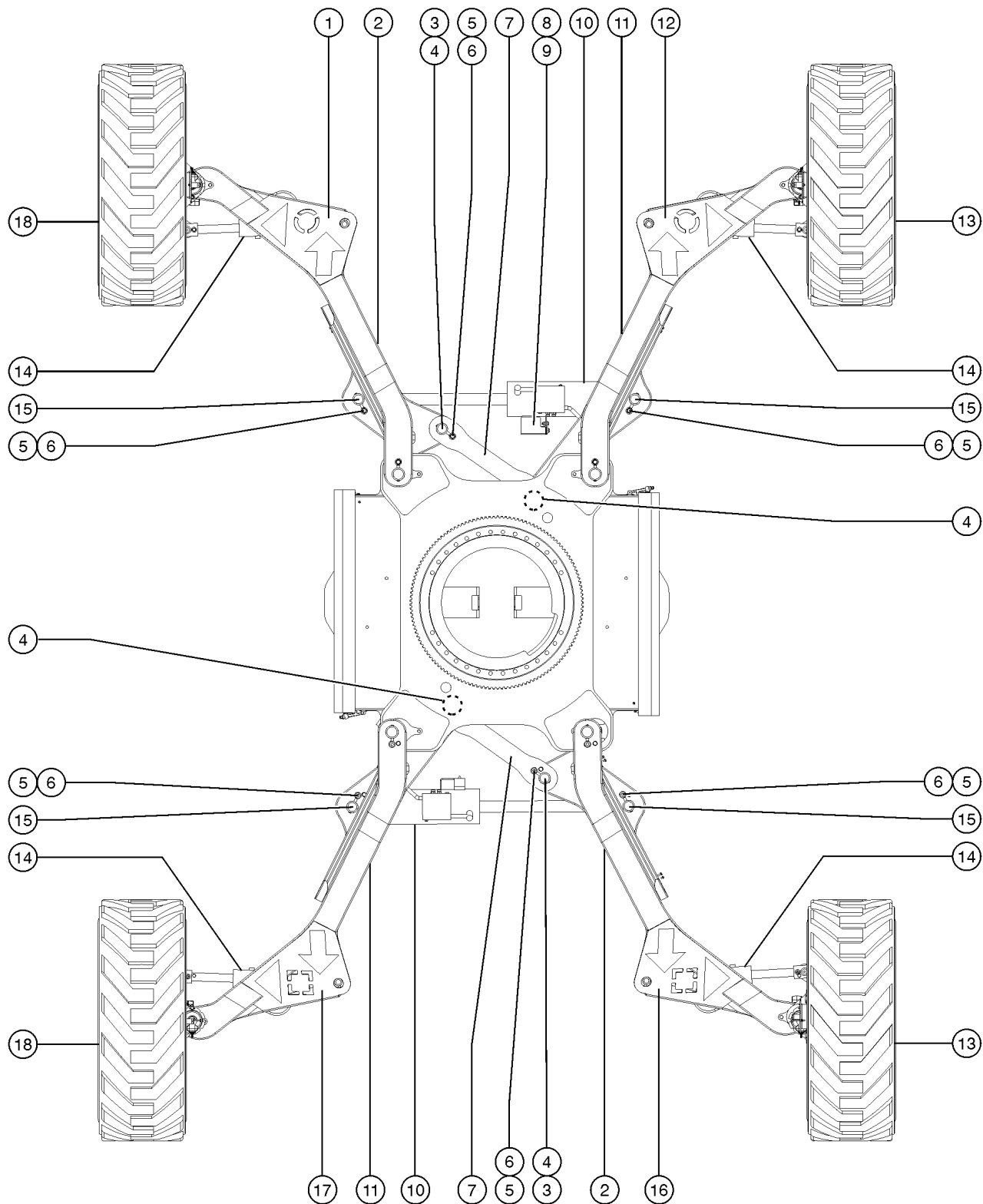
102.1 Symbol Decals



102.1 Symbol Decals

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	107693GT	DECAL KIT - SYMBOL,Z135 <i>includes items 1-6, 9, 12-18, 21, 23-25 and 27-30</i>		32	33550GT	TAPE,WARNING,BLK/YEL, 50***	
1	27204GT	DECAL,ARROW BLUE.....	2	33	T112773GT	TAPE, PROTECTIVE MASK.....2 <i>from SN 1414</i>	
2	27205GT	DECAL,ARROW YELLOW LRG 9".....	2	34	233130GT	DECAL, PCON, TOG SW, Z135	
3	27206GT	DECAL,TRIANGLE,BLUE.....	2	--	161522GT	DECAL, PROTECTIVE COVER, Z135 PBOX <i>top clear protection for the platform box decal 233130</i>	
4	27207GT	DECAL,TRIANGLE,YELLOW.....	2	35	219160GT	DECAL, INSTRUCTION, OPS.....1 <i>option</i>	
5	28159GT	DECAL,LABEL,DIESEL FUEL.....	1				
6	28171GT	DECAL,DANGER,NO SMOKING ***.....	1				
7	28174GT	DECAL, POWER TO PLATFORM 230V**.....	2				
8	28235GT	DECAL,POWER TO PLATFORM 115V..	2				
9	40434GT	DECAL,LANYARD ANCHORAGE POINT.....	3				
10	44981GT	DECAL,LABEL,AIR LINE 110 PSI.....	2				
11	82422GT	DECAL,PATCH,DRIVING LIGHT.....	1				
12	82472GT	DECAL,WARNING,CRUSHING HAZARD.....	2				
13	82473GT	DECAL,SYMBOL-COMP ACCESS.....	1				
14	82487GT	DECAL, SYMBOL - READ THE MANUAL.....	2				
15	82544GT	DECAL,DANGER,ELEC.HAZ.STAY CLR.....	2				
16	82546GT	DECAL,DANGER,MAX LOAD 600 LBS.....	1				
17	82548GT	DECAL,WARN,CRUSH HAZARD PLAT.....	2				
18	1000054GT	DECAL,DRIVE ENABLE PATCH.....	1				
19	82602GT	DECAL,DANGER,MAX SIDE FRC,667N.....	1				
20	82604GT	DECAL,DANGER,SIDE FRC 400N.....	1				
21	82607GT	DECAL,CAUTION,NO STEP***.....	2				
22	82671GT	DECAL,LABEL,WELD LINE INST,SYM..	2				
23	82840GT	DECAL,GROUND CONTROL PANEL.....	1				
24	82841GT	DECAL,PLATFORM CONTROL PANEL.....	1				
--	82308GT	DECAL,CONTROL PANEL PROT 82281 <i>top clear protection for the platform box decal 82841</i>					
25	82924GT	DECAL,CAUTION,SHUTOFF VALVES**.....	1				
26	97705GT	DECAL,COSMETIC,GENIE Z-135/70.....	1				
27	97716GT	DECAL,LABEL,WHEEL LOAD Z135.....	4				
28	97757GT	DECAL,LABEL,OIL LEVEL IND.....	1				
29	97815GT	DECAL,LABEL,LOWER MIDRAIL.....	1				
30	97889GT	DECAL,COSMETIC,Z-135 CHASSIS.....	2				
31	97891GT	DECAL,COSMETIC,GENIE Z-135.....	1				

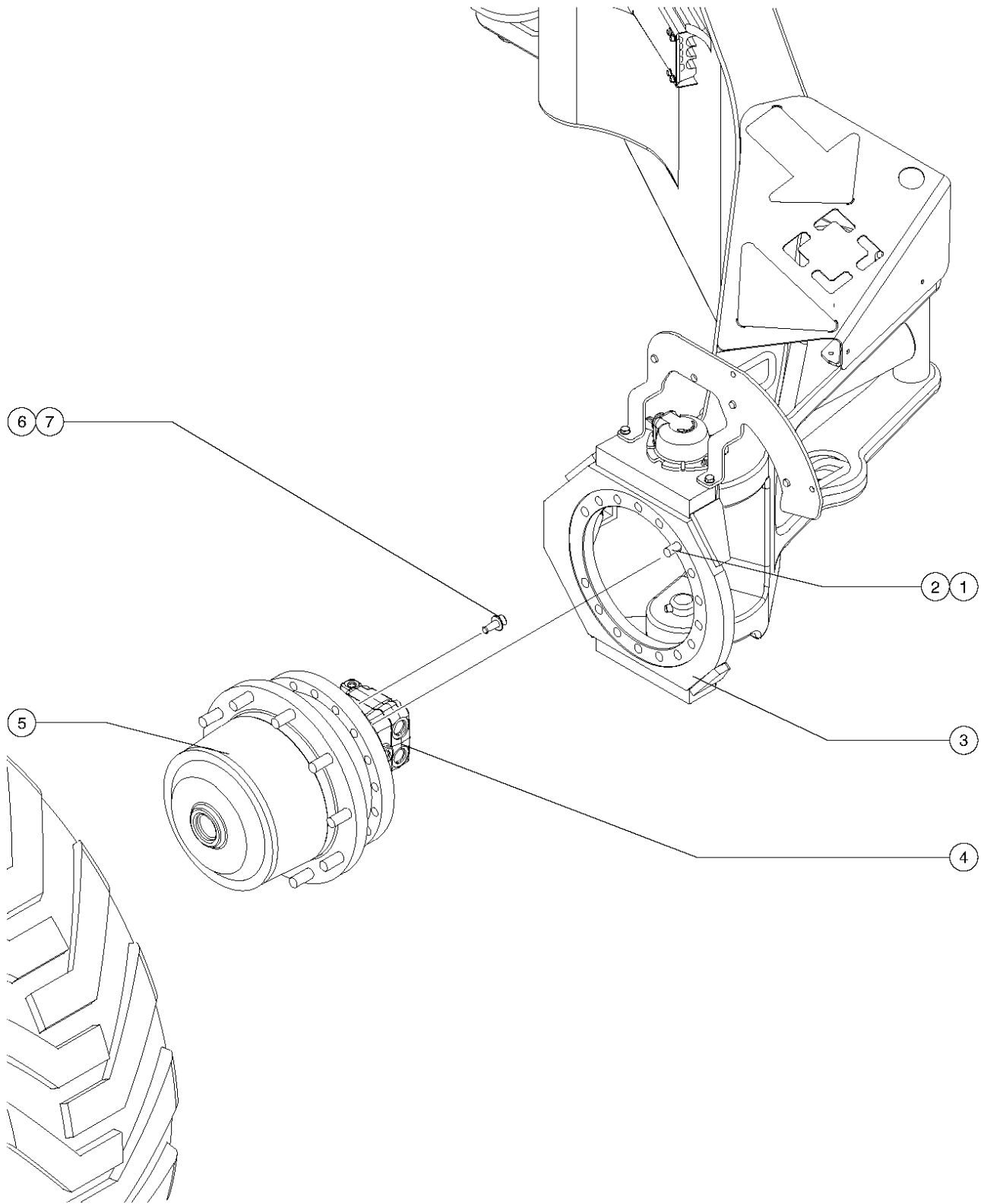
201.1 Top View



201.1 Top View

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	61283GT	SLEAVING,PARKER TEK,2.00"		--	65793GT	SEAL KIT CYL***	
1	106447GT	AXLE CVR W/DECALS,RR.....1		15	94940GT	PIN,2.25DIAX12.50LG,1HOLE.....4	
2	146612GT	AXLE CASTING, W/BEARING, LF,RR....2 <i>includes item 4 (one bearing each axle, part 106042)</i>		16	106449GT	AXLE CVR W/DECALS, LF.....1	
3	94941GT	PIN,2.25DIAX5.63LG,1HOLE.....2		17	106448GT	AXLE CVR W/DECALS,RF.....1	
4	106042GT	BEARING,2.25IDX2.50ODX2.00L.....4		18	50188GT	TIRE & WHEEL ASSY RF-RR <i>RT, Foam-filled, right; to SN 1640</i>	
5	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5		--	227797GT	TIRE & WHEEL ASSY RF-RR <i>RT, Foam-filled, RNU, right; to SN 1640</i>	
6	1256267GT	ROD END,.5 X 3.75,ZAG		--	233566GT	TIRE & WHEEL ASSY, RH <i>RT, Foam-filled, RNU, right; from SN 1641</i>	
7	94853GT	TIMING LINK,MACHINED.....2		--	34127GT	NUT,LUG,3/4-16 X 7/8 RADIUS	
8	110934GT	SWITCH ASSY,LIMIT LSFA1ES,LSRA....2		--	T111703GT	ASSY,TIRE,445D50/710,RH <i>RT, Foam-filled, right; from SN 1641</i>	
--	11071465R3GT	SWITCH LIMIT W/ROLLER NO/NC					
--	119761GT	CONN PLUG 2 WAY EXTEND DT					
--	43960GT	WIRE CABLE,16/4 CON.TPE JKT.....39-inches					
--	60425GT	LOCK,PLUG 2 WAY, 14-18GA					
--	73714GT	TERM,NI SOC,S&F,16-18GA,REEL					
9	106070PGT	FORMING,LIMIT SWITCH GUARD PNT.....2					
--	49817GT	SCREW,PHILLIPS,PHM,10-32 X1.25					
10	98147GT	CYLINDER,AXLE EXTENSION Z135....2					
--	106007GT	BELLOWS,AXLE EXTEND CYLINDER** <i>FOR HOSTILE ENV. PACKAGE ONLY</i>					
--	106742GT	SEAL KIT,CYL (98147)***					
--	110481GT	LIMIT SWITCH ACTUATOR BLOCK <i>(block only)</i>					
--	110482GT	LS ACTUATOR BLOCK SEAL KIT <i>(seal kit for part 110481)</i>					
--	18722GT	BEARING,2.25IDX2.50ODX1.50L***					
--	33428GT	VALVE,COUNTERBALANCE					
--	T107366GT	ASSY,LIM.SW.ACTUATOR BLOCK*** <i>includes actuator part 110481 and seal kit part 110482</i>					
11	146613GT	AXLE CASTING, W/BEARING, RF,LR....2 <i>includes item 4 (one bearing each axle, part 106042)</i>					
12	106446GT	AXLE CVR W/DECALS,LR.....1					
13	50032GT	TIRE & WHEEL ASSY LF-LR <i>RT, Foam-filled, left; to SN 1640</i>					
--	227796GT	TIRE & WHEEL ASSY LF-LR.....2 <i>RT, Foam-filled RNU, left; to SN 1640</i>					
--	233565GT	TIRE & WHEEL ASSY, LH <i>RT, Foam-filled RNU, left; from SN 1641</i>					
--	34127GT	NUT,LUG,3/4-16 X 7/8 RADIUS					
--	T111702GT	ASSY,TIRE,445D50/710,LH <i>RT, Foam-filled, left; from SN 1641</i>					
14	98148GT	CYLINDER,STEER Z135.....4					
--	106849GT	BEARING,1.5"ID X 1.75OD X1.75L					

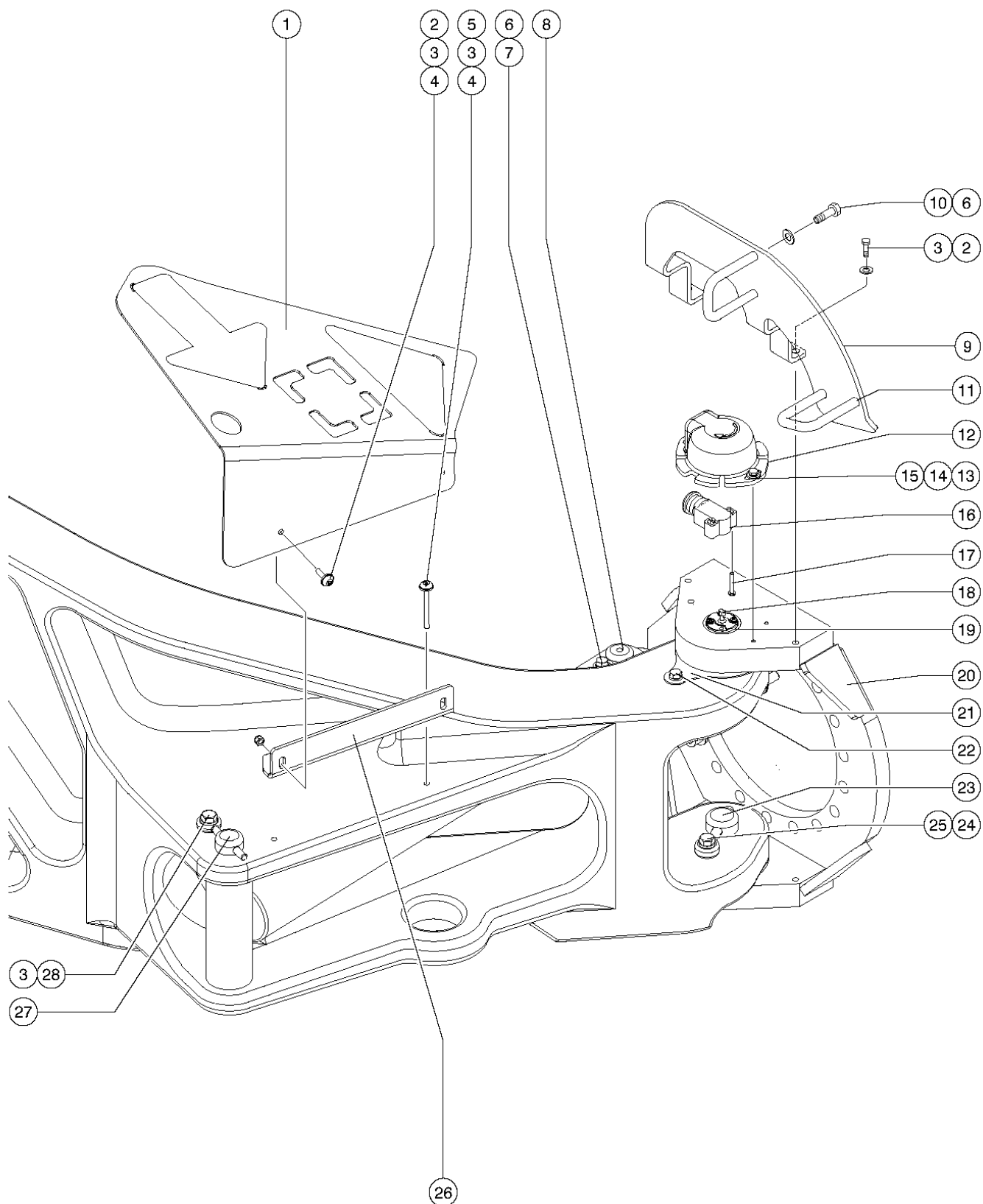
202.1 Steer Yoke, Wheel Drive and Motor



202.1 Steer Yoke, Wheel Drive and Motor

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	102064GT	SCREW,SHC,M16 X 50MM,BLACK.....16		--	1280069GT	RING,WHEEL DRIVE(107722) for 107722	
2	76390GT	WASHER,FLAT, M16 HARDENED.....16		--	1280070GT	COLUMN,WHEEL DRIVE(107722) for 107722	
3	75452-SGT	YOKE ASSEMBLY,SUPERBOOM,NRRW.....1		--	34127GT	NUT,LUG,3/4-16 X 7/8 RADIUS	
--	119619GT	BEARING,1.5IDX1.75ODX1.5L,PTFE		--	62478GT	STUD, WHEEL, 3/4-16 X 3"***	
--	119620GT	BEARING,1.75IDX2.00ODX1.50L		6	94747GT	SCREW,HHC,1/2-13 X 1.75 GRD 8.....2	
4	101070GT	MOTOR,PISTON,2 SPEED,45CC.....4 to SN 179		7	13066GT	WASHER,FLAT,.5 HARDENED.....2	
--	106098GT	SEAL KIT,MOTOR,LC/KC***					
4A	101070GT	MOTOR,PISTON,2 SPEED,45CC.....2 square end; from SN 180					
--	106098GT	SEAL KIT,MOTOR,LC/KC***					
4B	107723GT	MOTOR,PISTON,2 SPEED,25CC.....2 circle end; from SN 180					
--	106098GT	SEAL KIT,MOTOR,LC/KC***					
5	106756GT	WHEEL DRIVE W/BRAKE,76:1.....4 to SN 179					
--	102449GT	CAP,MANUAL DISENGAGE (89212)					
--	106873GT	SEAL KIT,RWD 1700TB***					
--	106874GT	BEARING KIT,RWD 1700TB***					
--	106875GT	BRAKE KIT,RWD 1700TB***					
--	237232GT	O-RING, WHEEL COVER (237233)					
--	237233GT	HUB, WHEEL COVER,Z135 (106756)					
--	34127GT	NUT,LUG,3/4-16 X 7/8 RADIUS					
--	62478GT	STUD, WHEEL, 3/4-16 X 3"***					
--	7339GT	SCREW, HHC, 1/4-20 X .5 use 2 each on cap 102449					
5A	106756GT	WHEEL DRIVE W/BRAKE,76:1.....2 circle end; from SN 180					
--	102449GT	CAP,MANUAL DISENGAGE (89212)					
--	106873GT	SEAL KIT,RWD 1700TB***					
--	106874GT	BEARING KIT,RWD 1700TB***					
--	106875GT	BRAKE KIT,RWD 1700TB***					
--	237232GT	O-RING, WHEEL COVER (237233)					
--	237233GT	HUB, WHEEL COVER,Z135 (106756)					
--	34127GT	NUT,LUG,3/4-16 X 7/8 RADIUS					
--	62478GT	STUD, WHEEL, 3/4-16 X 3"***					
--	7339GT	SCREW, HHC, 1/4-20 X .5 use 2 each on cap 102449					
5B	107722GT	WHEEL DRIVE W/BRAKE,113:1.....2 square end; from SN 180					
--	106873GT	SEAL KIT,RWD 1700TB***					
--	106874GT	BEARING KIT,RWD 1700TB***					
--	106875GT	BRAKE KIT,RWD 1700TB***					
--	1280068GT	HUB SUPPORT,WHEEL DRIVE(107722) for 107722					

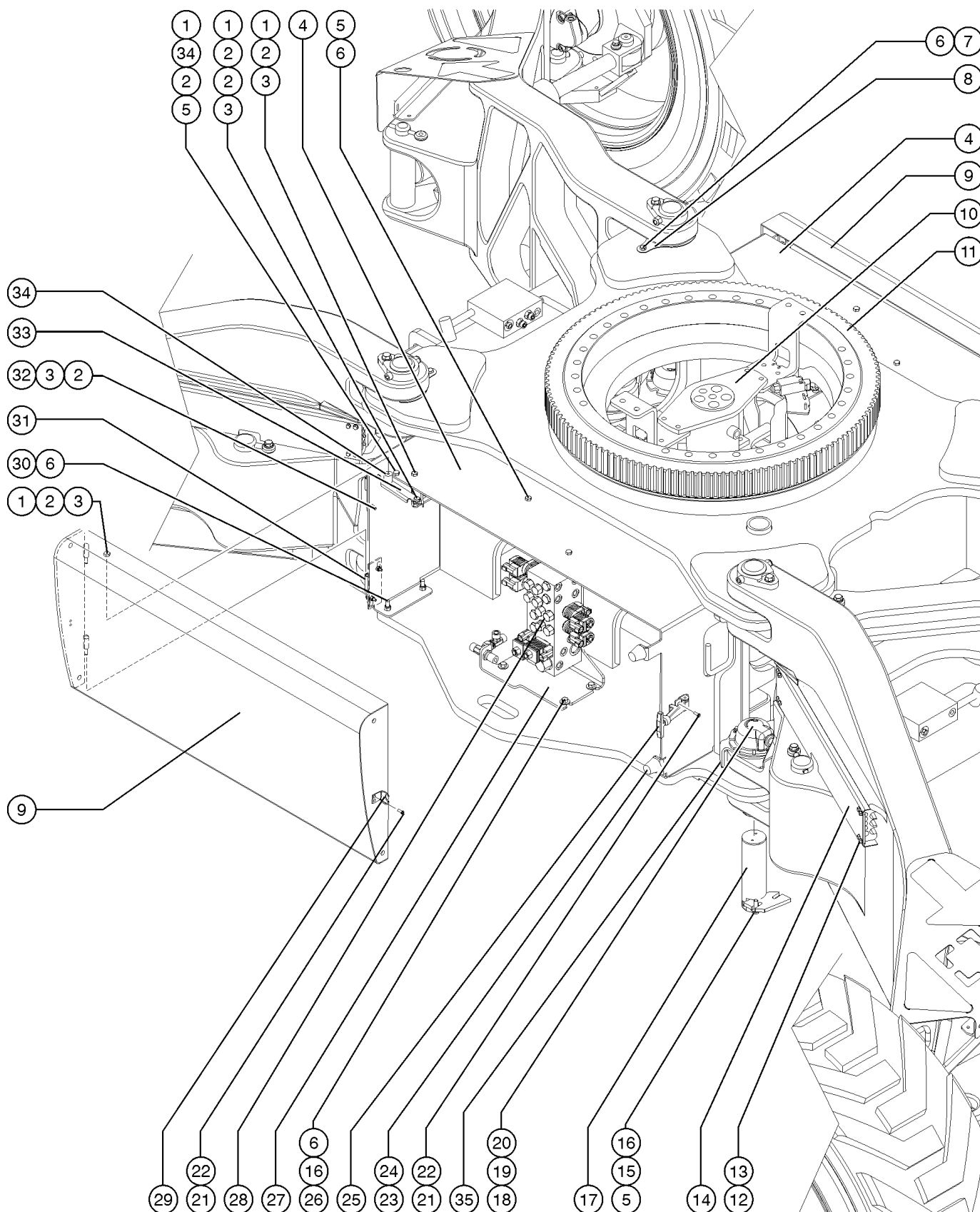
203.1 Steer Sensor and Steer Cylinder



203.1 Steer Sensor and Steer Cylinder

Item	Part No.	Description	Qty.
1		Ref. Axle Cover with Decal (refer to 201.1)	
2	106860GT	SCREW,SECURITY,1/4-20 X 1.00LG	
3	6638GT	WASHER,FLAT,USS,1/4"Y	
4	6091GT	NUT,NYLOCK,1/4-20	
5	106859GT	SCREW,SECURITY,1/4-20 X 2.75LG	
--	106861GT	BIT,5/32,HEX SOCKET,SECURITY	
6	8255GT	SCREW,HHC,3/8-16 X .75	
7	1255452GT	ROD END,.375 X 2.25,ZAG	
8	60980GT	PIN,1.50DIAX4.13LG,THREADED.....1	
9	119839GT	FORMING,GUIDE BRACKET,LEFT.....1	
--	119840GT	FORMING,GUIDE BRACKET,RIGHT	
10	6097GT	WASHER,FLAT,USS,3/8",Y	
11	106696GT	BAR,GUIDE BRACKET.....2	
12	60609GT	COVER,STEERING SENSOR.....1	
13	8914GT	SCREW,HHC,1/4-20 X .625	
14	6090GT	SCREW,HHC,1/4-20 X .75	
15	6638GT	WASHER,FLAT,USS,1/4"Y	
16	106187GT	SUBASSY,STEER SENSOR <i>includes items 12 and 17 (calibration required after replacement)</i>	
--	119066GT	CONN,RECEP 3 WAY ENDCAP DT	
--	60441GT	LOCK,RECEP 3 WAY,14-18GA	
--	75633GT	TERM,GOLD PIN,14/16 GA,BULK	
17	49817GT	SCREW,PHILLIPS,PHM,10-32 X1.25	
18	60618GT	ACTIVATOR,STEER SENSOR.....1	
19	75087GT	PIN,AXLE KING.....1	
20		Ref. Steer Yoke (refer to 202.1)	
21	106064GT	SHIM,STEER YOKE.....as-needed	
22	8255GT	SCREW,HHC,3/8-16 X .75	
23	30194GT	PIN,1.75DIAX5.25LG,1HOLE.....1	
--	60555GT	WASHER,THRUST 5 X 1.81 BRONZE....1 <i>not shown</i>	
24	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
25	1256267GT	ROD END,.5 X 3.75,ZAG.....1	
26	106682PGT	FORMING,COVER MOUNT,AXLE PAINT.....1	
27	42016GT	PIN,1.50DIAX11.00LG,1HOLE.....1	
28	825019GT	ROD END,.375X3.69,ZAG.....1	

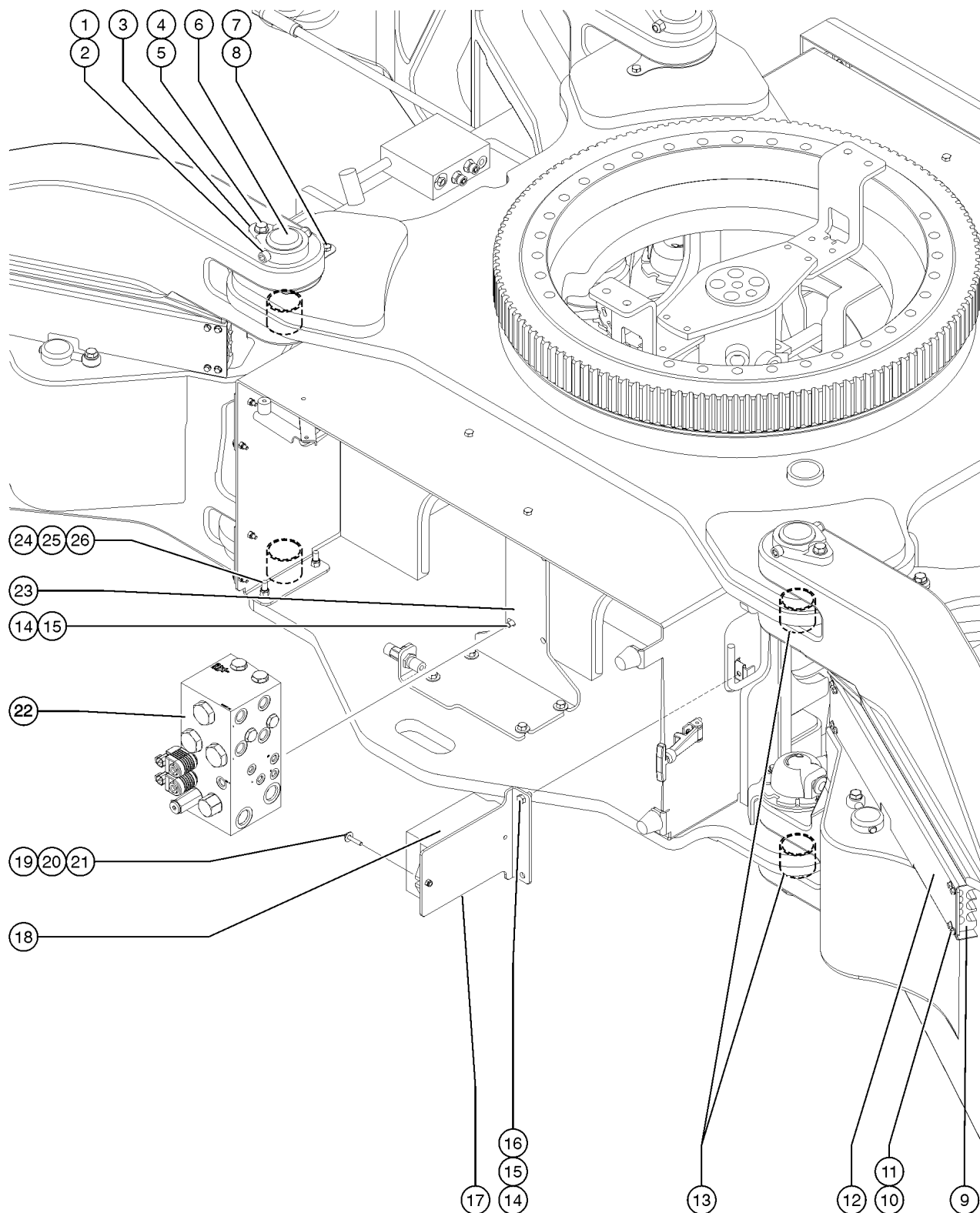
204.1 Chassis Components, Yellow Triangle Side



204.1 Chassis Components, Yellow Triangle Side

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	6145GT	SCREW,HHC,1/4-20 X 1.5		27	101038GT	FORMING,MANIFOLD MOUNT.....2	
2	6638GT	WASHER,FLAT,USS,1/4"Y		28		Ref. Steer Manifold (refer to 703.1)	
3	6091GT	NUT,NYLOCK,1/4-20		29	75076GT	KEEPER,LATCH (45363).....1	
4	101032PGT	FORMING,BOX,MANIFOLD PAINTED....2		30	6708GT	SCREW,HHC,3/8-16 X 2.25	
5	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5		31	36415GT	HINGE,WELD,COVER,CTRLS GRY/BLU.....2	
6	4828GT	NUT,NYLOCK,3/8-16		32	6888GT	SCREW,HHC,1/4-20 X 1	
7	14033GT	SCREW,HHC,3/8-16 X 2.75		33	106680GT	FORMING,DOOR STOP.....4	
8	101504GT	SHIM,AXLE,2.56		34	106768GT	TUBE,UHMW,SPACER.....4	
9	107728GT	CVR,MANIFOLD BOX W/WORD DECALS.....2 <i>includes items 21-22</i>		35	101704GT	FORMING,BRACKET,SENSOR.....4	
--	106450GT	CVR,MANIFOLD BOX W/SYM DECALS <i>includes items 21-22</i>					
--	36415GT	HINGE,WELD,COVER,CTRLS GRY/BLU <i>(female hinge, mounts to chassis)</i>					
10		Ref. Hydraulic Swivel (refer to 306.1)					
11	101572GT	BEARING,TURNTABLE.....1					
--	13064GT	WASHER,FLAT,.625 HARDENED.....34					
--	21175GT	SCREW,SHC,5/8-11 X 4,A574.....34					
--	227785GT	BEARING TURNTABLE SEAL***					
--	33278GT	WASHER,FLAT,.75 HARDENED.....28					
--	88212GT	SCREW,SHC,3/4-10 X 3.00,A574.....28					
12	7339GT	SCREW, HHC, 1/4-20 X .5					
13	6356GT	WASHER,LOCK,.25					
14	101039PGT	COVER,AXLE,RF,LR PAINTED.....2					
--	101558PGT	COVER,AXLE,LF,RR PAINTED.....2					
15	6021GT	WASHER,LOCK,.375					
16	6097GT	WASHER,FLAT,USS,3/8",Y					
17	107536GT	WELDMENT,PIN,AXLE SENSOR.....2					
--	101499GT	WASHER,THRUST,2.5 X 5.5 X .250.....2 <i>not shown</i>					
18	60609GT	COVER,STEERING SENSOR.....2					
19	94985GT	SENSOR,AXLE POSITION.....2 <i>(calibration required after replacement)</i>					
--	119067GT	CONN,RECEP 4 WAY ENDCAP DT					
--	60443GT	LOCK,RECEP 4 WAY,14-18GA					
--	60757GT	PLUG,SEAL,12-18 GA					
--	75633GT	TERM,GOLD PIN,14/16 GA,BULK					
20	60618GT	ACTIVATOR,STEER SENSOR.....2					
21	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75					
22	6178GT	NUT,NYLOCK,10-32					
23	30973GT	BUMPER,RUBBER-1 X 1.25.....4					
24	6782GT	NUT,NYLOCK,5/16-18					
25	45363GT	LATCH,FLEXIBLE.....2					
26	8178GT	SCREW,HHC,3/8-16 X 2.5					

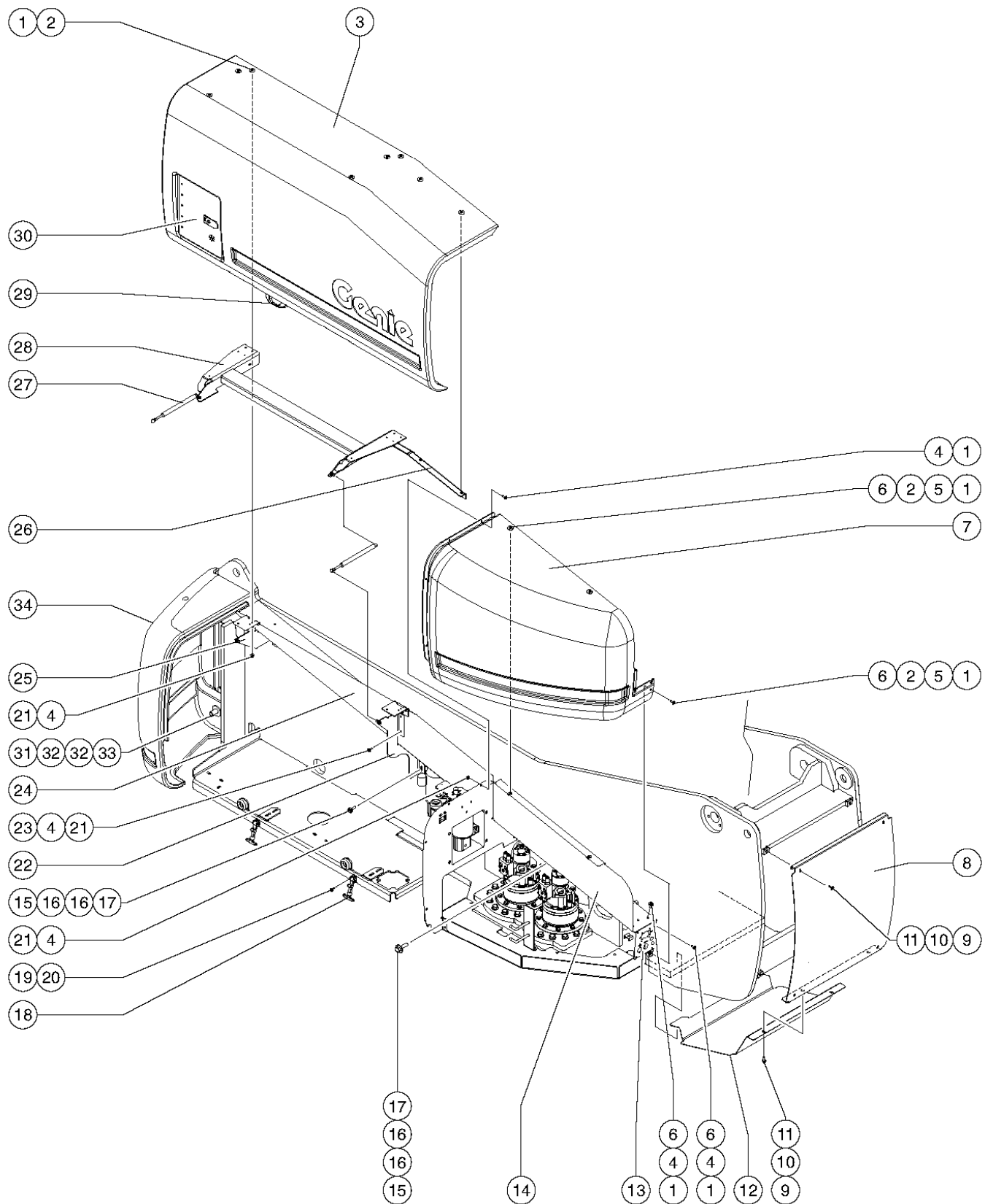
205.1 Chassis Components, Blue Triangle Side



205.1 Chassis Components, Blue Triangle Side

Item	Part No.	Description	Qty.
1	42360GT	SCREW,SHC,1/2-13 X 4 ZINC	
2	6086GT	NUT,LP NYLOCK,1/2-13	
3	107676PGT	PLATE, PIN RETAINER, PAINTED.....4	
--	119151GT	SERV KIT,#4RISER-TO-LINK BANJO <i>includes retainer plate and items 1 and 2</i>	
4	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
5	6095GT	WASHER,FLAT,USS,1/2",Y	
6	101150GT	PIN,2.50DIA X 7.88LG,1HOLE.....4	
7	14033GT	SCREW,HHC,3/8-16 X 2.75	
8	101504GT	SHIM,AXLE,2.56.....4	
9	101597GT	CLAMP,DRIVE CHASSIS HOSE.....8	
10	11808GT	SCREW,HHC,1/4-20 X .375	
11	6356GT	WASHER,LOCK,.25	
12	101039PGT	COVER,AXLE,RF,LR PAINTED.....1	
13	27698GT	BEARING,2.50IDX2.75ODX2.00L.....4 <i>(placed as shown on both sides of chassis)</i>	
14	8255GT	SCREW,HHC,3/8-16 X .75	
15	6021GT	WASHER,LOCK,.375	
16	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
17	101927GT	FORMING,DCON MOUNT.....1	
18	101004GT	MODULE,DCON.....1	
19	8915GT	SCREW,HHC,1/4-20 X 1.25	
20	6638GT	WASHER,FLAT,USS,1/4"Y	
21	6091GT	NUT,NYLOCK,1/4-20	
22		Ref Traction Manifold (refer to 701.1)	
23	101038GT	FORMING,MANIFOLD MOUNT.....1	
24	6708GT	SCREW,HHC,3/8-16 X 2.25	
25	6097GT	WASHER,FLAT,USS,3/8",Y	
26	4828GT	NUT,NYLOCK,3/8-16	

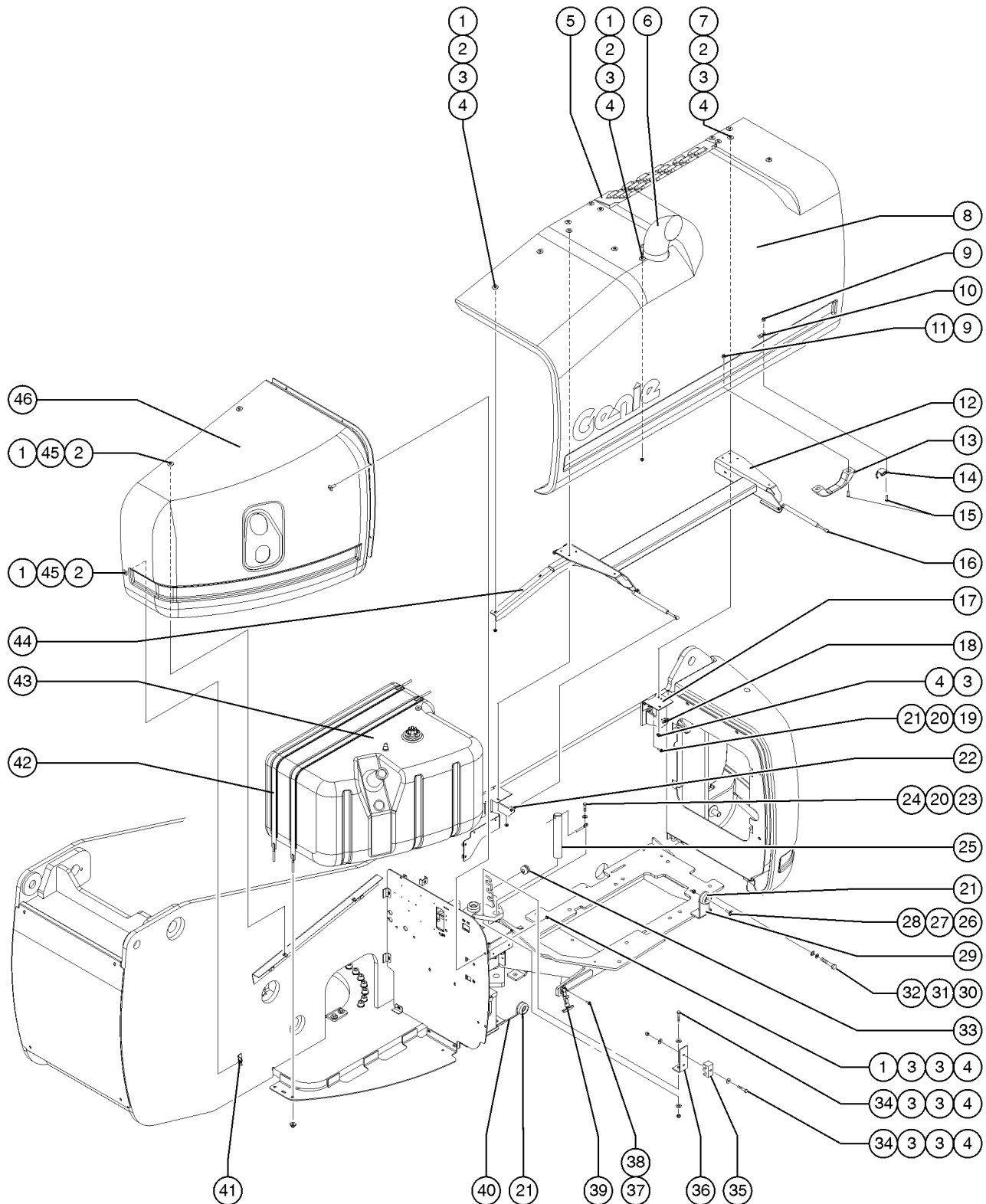
301.1 Tank Side Covers



301.1 Tank Side Covers

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	6888GT	SCREW,HHC,1/4-20 X 1		31	34350GT	SCREW,HHC,1-8 X 6 GRD.5	
2	12906GT	WASHER,FENDER,.25 X 1.25 X.062		32	38859GT	WASHER,FLAT,USS,1",Y	
3	106871GT	COVER ASSY W/WRD DEC,TANK SIDE.....1 USA, Canada, Australia; includes items 1, 2, 4, 21, 26 and 28		33	29764GT	NUT,NYLOCK,1-8	
--		Ref. LATCH Keeper (refer to 302.1)		34	101444GT	COUNTERWEIGHT,CAST,775 LBS LH.....1	
--	106872GT	COVER ASSY W/SYM DEC,TANK SIDE Europe, Asia, South America; includes items 1, 2, 4, 21, 26 and 28		--	101445GT	COUNTERWEIGHT,CAST,775 LBS RH	
4	6638GT	WASHER,FLAT,USS,1/4"Y					
5	6356GT	WASHER,LOCK,.25					
6	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG					
7	60485GT	COVER,TURNTABLE,LEFT SIDE.....1					
8	106021PGT	FORMING,SWING COVER,TOP PAINTD.....1					
9	6175GT	SCREW,HHC,3/8-16 X 1					
10	6097GT	WASHER,FLAT,USS,3/8",Y					
11	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG					
12	106022PGT	FORMING,SWING COVER,LOWER PNTD.....1					
13	89539PGT	MOUNT,PANEL,PAINTED.....1					
14	60496-SGT	FORMING,INNER COVER.....1					
15	6096GT	SCREW,HHC,1/2-13 X 2 GR5					
16	6095GT	WASHER,FLAT,USS,1/2",Y					
17	6198GT	NUT,NYLOCK,1/2-13					
18	45363GT	LATCH,FLEXIBLE.....2					
19	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75					
20	6178GT	NUT,NYLOCK,10-32					
21	6091GT	NUT,NYLOCK,1/4-20					
22	60655-SGT	STRUT SUPPORT,TANK SIDE.....1					
23	6090GT	SCREW,HHC,1/4-20 X .75					
24	60509-SGT	FORMING,REAR COVER.....1					
25	60670-SGT	STRUT SUPPORT.....1					
26	60872GT	SUPPORT,COVER (61112,61117).....1					
27A	122272GT	GAS STRUT,202 LBS FORCE					
27B	33555GT	BALL STUD**					
28	60578GT	COVER SUPPORT,WELDMENT.....1					
29		Ref. Grab Handle (refer to 302.1)					
30	60966GT	COVER,TURNTABLE COVER ACCESS.....1					
--	5094GT	SCREW,RHM,10-32 X .5					
--	60893GT	HINGE,SWING CONTROL BOX					
--	60964GT	LATCH,PANEL					
--	6146GT	WASHER,FLAT,MS,#10,Y					
--	6178GT	NUT,NYLOCK,10-32					

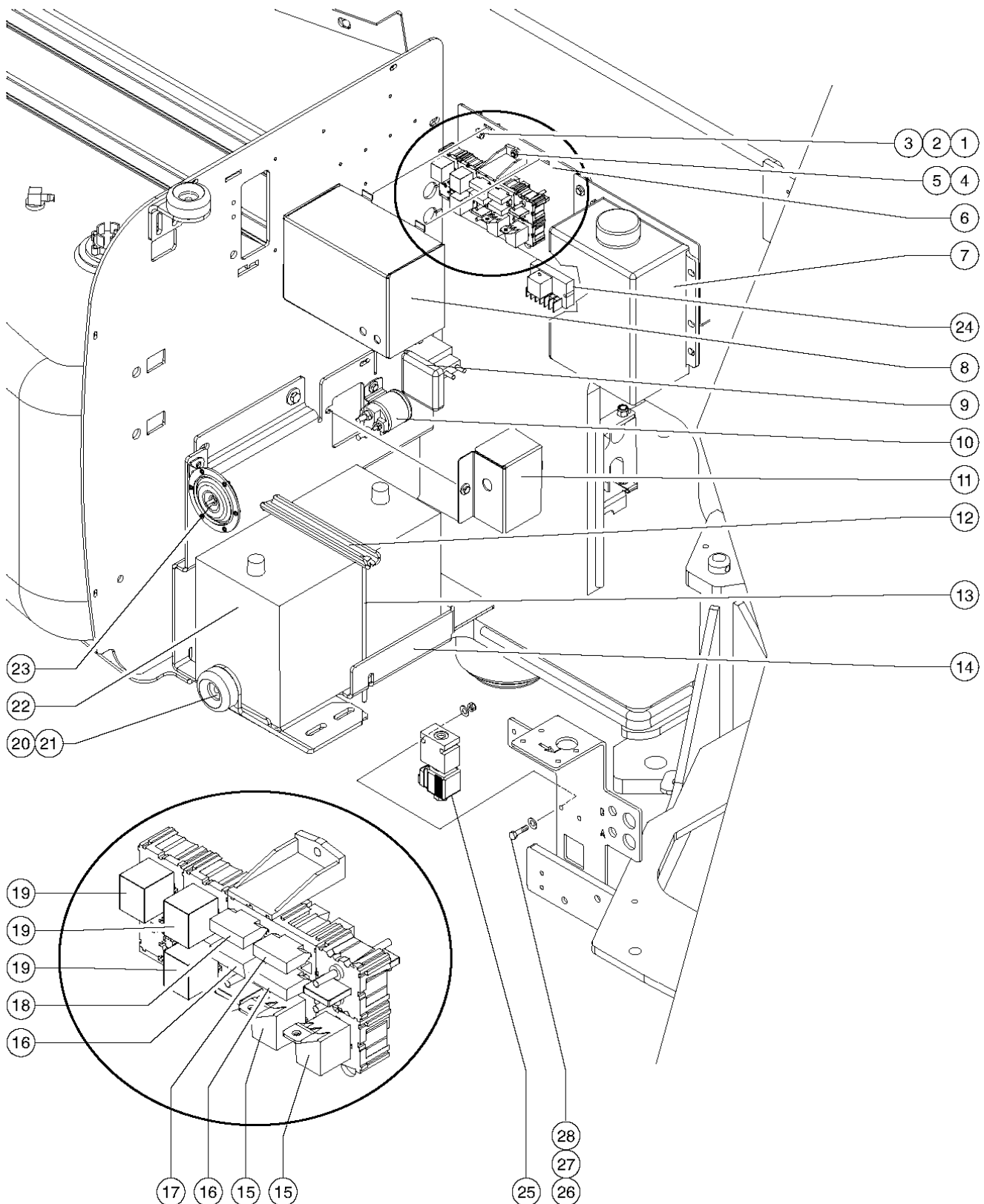
302.1 Engine Side Covers



302.1 Engine Side Covers

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	6888GT	SCREW,HHC,1/4-20 X 1		36	70535PGT	BRACKET,BATTERY CABLE PAINTED.....	1
2	12906GT	WASHER,FENDER,.25 X 1.25 X.062		37	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
3	6638GT	WASHER,FLAT,USS,1/4"Y		38	6178GT	NUT,NYLOCK,10-32	
4	6091GT	NUT,NYLOCK,1/4-20		39	45363GT	LATCH,FLEXIBLE.....	2
5	60595-SGT	SUPPORT,ENGINE COVER GRAY.....	1	40	60727GT	FORMING,COVER STOP***.....	1
6	101964GT	WELDMENT,EXHAUST TUBE.....	1	41	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
7	8915GT	SCREW,HHC,1/4-20 X 1.25		42	60938GT	STRAP ASSY,FUEL TANK 52".....	2
8	106881GT	COVER ASSY W/WRD DEC,ENG SIDE.....	1	43	61236GT	ASSEMBLY,FUEL TANK,40 GAL ***.....	1
		<i>USA, Canada, Australia; includes items 1-7, 9-15, and 44</i>		--	101726GT	CAP,FUEL,DIESEL,1/8"VENT(GRN)	
--	106882GT	COVER ASSY W/SYM DEC,ENG SIDE <i>Europe, Asia, South America; includes items 1-7, 9-15 and 22</i>		--	60805GT	TUBE ASSY,FUEL TANK,20.75"LG	
				--	60890GT	SENDER,LOW FUEL INDICATOR	
9	6178GT	NUT,NYLOCK,10-32		44	60872GT	SUPPORT,COVER (61112,61117).....	1
10	50790GT	PLATE,COVER LATCH BACKING.....	2	45	6356GT	WASHER,LOCK,.25	
11	6146GT	WASHER,FLAT,MS,#10,Y		46	50082GT	COVER,TURNTABLE,RIGHT SIDE.....	1
12	60578GT	COVER SUPPORT,WELDMENT.....	1				
13	60884GT	HANDLE,GRAB.....	1				
14	75076GT	KEEPER,LATCH (45363).....	2				
15	6606GT	SCREW,RHM,10-32 X .75					
16	122272GT	GAS STRUT,202 LBS FORCE <i>order item 18 separately</i>					
17	75073GT	HINGE,.375X.120THK.,SLOTTED.....	2				
18	33555GT	BALL STUD**					
19	8255GT	SCREW,HHC,3/8-16 X .75					
20	6021GT	WASHER,LOCK,.375					
21	50974GT	BUMPER,RUBBER,COVERS.....	3				
22	75411GT	FORMING,GAS STRUT MOUNT,REAR**.....	1				
--	75410GT	FORMING,GAS STRUT MOUNT,FRNT**					
23	8516GT	SCREW, HCC, 3/8-16 X 1.50					
24	825019GT	ROD END,.375X3.69,ZAG.....	1				
25	60625GT	PIN,1.25DIAX15.63LG,CHAMFER.....	1				
		<i>used on engine tray</i>					
26	6175GT	SCREW,HHC,3/8-16 X 1					
27	6097GT	WASHER,FLAT,USS,3/8",Y					
28	4828GT	NUT,NYLOCK,3/8-16					
29	60778-SGT	FORMING,COVER STOP.....	1				
		<i>Deutz and Perkins models</i>					
30	51131GT	SCREW,HHC,5/8-11 X 2.5					
31	6036GT	WASHER,LOCK,.625 PLTD					
32	6035GT	WASHER,FLAT,USS,5/8",Y					
33	61189GT	GROMMET,RUBBER .75 X .38 X1.13					
34	6145GT	SCREW,HHC,1/4-20 X 1.5					
35	70289GT	CLAMP,LINK,LH WELD WIRE.....	1				

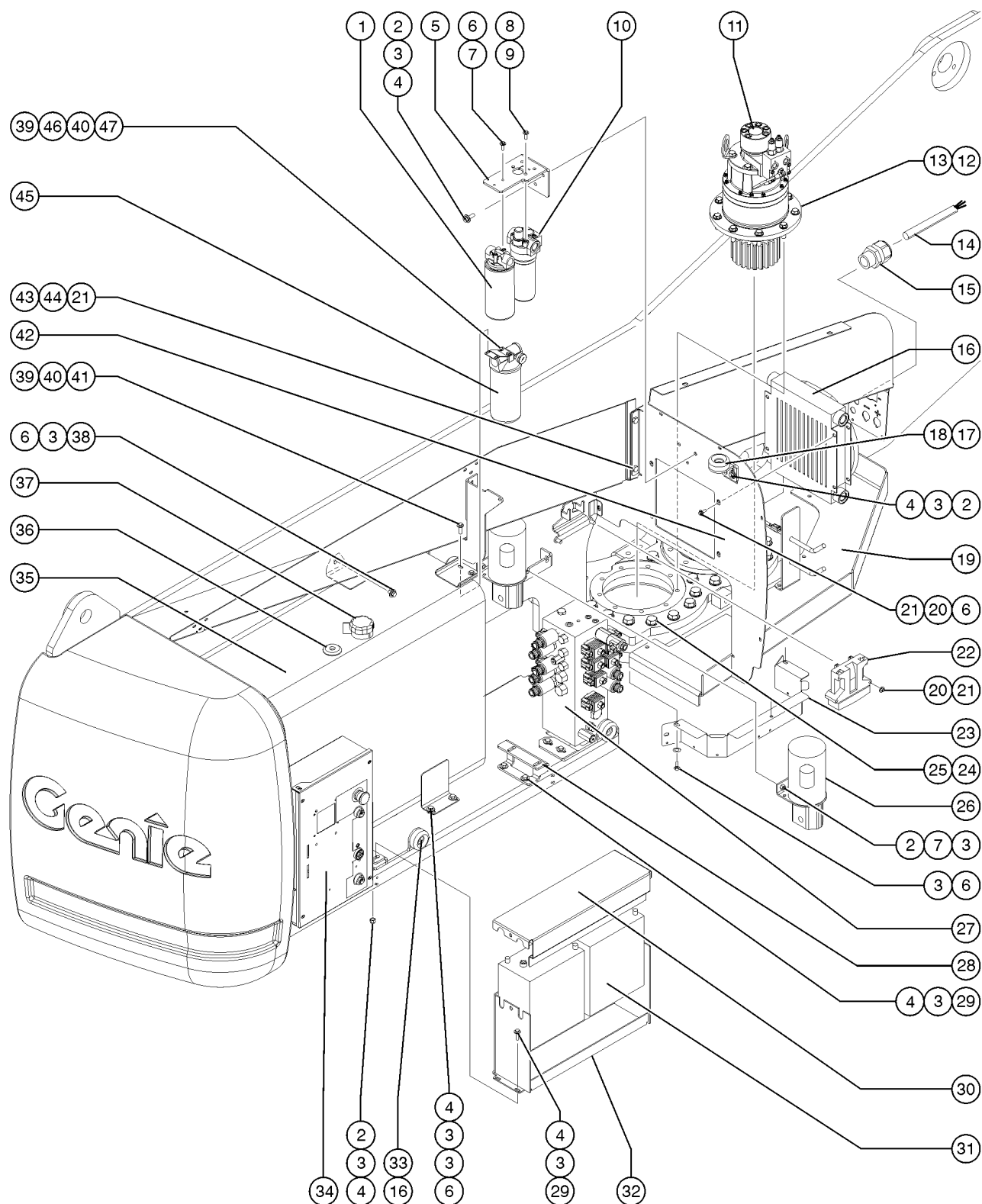
303.1 Engine Compartment Components



303.1 Engine Compartment Components

Item	Part No.	Description	Qty.
1	71508GT	SCREW,HHC,3/8-16 X .50 GR.5	
2	6097GT	WASHER,FLAT,USS,3/8",Y	
3	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
4	17650GT	10-32 X .5 FILLISTER HD.SCREW	
5	6178GT	NUT,NYLOCK,10-32	
6	107525PGT	PLATE,RELAY MOUNT.....1	
7	60721GT	COOLANT,RECOVERY BOTTLE, 4 QT*.....1 <i>Cummins and Perkins models</i>	
8	88266GT	COVER,RELAY.....1	
9	237068GT	SEPARATOR,DUAL BATTERY,100A.....1	
--	214393GT	KIT, BATT SEPARATOR, ANSI/CSA <i>includes part 237068</i>	
--	215209GT	KIT, BATT SEPARATOR, CE <i>includes part 237068</i>	
--	215210GT	KIT, BATT SEPARATOR, AS <i>includes part 237068</i>	
10	53967GT	SOLENOID,12V CONTINUOUS.....1 <i>Cummins models</i>	
11	107543GT	FORMING,FUSE COVER.....1 <i>Cummins models</i>	
12	60940GT	HOLD DOWN,BATTERY,SMALL.....1	
13	45708GT	HOOK,BATT HOLD DOWN,10".....1	
14	107512PGT	BATTERY TRAY FORMING,PAINTED.....1	
15	61225GT	RELAY,12VDC,70AMP,SEALED.....2 <i>Perkins and Deutz models</i>	
--	61225GT	RELAY,12VDC,70AMP,SEALED.....1 <i>Cummins models</i>	
16	60536GT	FUSE,20 AMP,MAXI.....2	
17	94327GT	FUSE,30 AMP.....1	
18	101340GT	FUSE,60 AMP,MAXI.....1 <i>Perkins and Deutz models</i>	
19	34052GT	RELAY,SPDT,12V(AUTO) PLUG IN**.....3	
20	50974GT	BUMPER,RUBBER,COVERS.....3	
21	60727GT	FORMING,COVER STOP***.....2	
22	30143GT	BATTERY,12V,1000 CCA GRP 31.....1	
23	81578GT	HORN,12VDC,SPADE TERMINALS***.....1	
24	89997GT	RELAY MODULE(89996,89998).....1	
25		Ref. Function Enable Manifold (refer to 707.1)	
26	4266GT	SCREW,HHC,1/4-20 X 2	
27	6638GT	WASHER,FLAT,USS,1/4"Y	
28	6091GT	NUT,NYLOCK,1/4-20	

304.1 Hydraulic Tank Side Components



304.1 Hydraulic Tank Side Components

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	87070GT	FILTER ASSY,SAE 12 NO INDICAT*.....1		--	139308GT	SWING MOTOR COMPLETE*** <i>use with swing drive 139189; from SN 1140</i>	
--	1259055GT	FILTER ELEMENT, 10 MICRON <i>Genie aftermarket</i>		--	139309GT	CBV ASSEMBLY*** <i>use with swing drive 139189; from SN 1140</i>	
--	131323GT	FILTER ELEMENT,10 MICRON <i>Genie genuine part</i>		--	139310GT	BRAKE TUBING*** <i>use with swing drive 139189; from SN 1140</i>	
2	6175GT	SCREW,HHC,3/8-16 X 1		--	139311GT	KIT,FRICITION DISC*** <i>use with swing drive 139189; from SN 1140</i>	
3	6097GT	WASHER,FLAT,USS,3/8",Y		--	139312GT	KIT,BRAKE SPRING*** <i>use with swing drive 139189; from SN 1140</i>	
4	4828GT	NUT,NYLOCK,3/8-16		--	139313GT	SEAL KIT,SWING BRAKE*** <i>use with swing drive 139189; from SN 1140</i>	
5	70516PGT	BRKT,MED & RETURN FILTER,PTD.....1		--	139314GT	KIT,SWING BRAKE REBUILD*** <i>use with swing drive 139189; from SN 1140</i>	
6	8255GT	SCREW,HHC,3/8-16 X .75		--	139315GT	O-RING,MOTOR/BRAKE*** <i>use with swing drive 139189; from SN 1140</i>	
7	6021GT	WASHER,LOCK,.,375		--	139323GT	VALVE,COUNTERBAL,CBCA-LIN*** <i>use with swing drive 139189; from SN 1140</i>	
8	6090GT	SCREW,HHC,1/4-20 X .75		--	21148GT	WASHER,THRUST,TORQUE HUB <i>use with swing drive 139189; from SN 1140</i>	
9	6356GT	WASHER,LOCK,.,25		--	29290GT	SEAL KIT,FAIRFIELD (S1A2)*** <i>does not include thrust washer part 21148 (used on swing drive 139189); from SN 1140</i>	
10	60334GT	FILTER ASSY,HIGH PRESS SAE-12*.....1		--	41489GT	SCREW,SHC,5/16-18 X 2,PLATED <i>manifold to motor,</i>	
--	58222GT	O-RING,FILTER ASSY (60334)***		--	58304GT	SHAFT,OUTPUT <i>use with swing drive 139189; from SN 1140</i>	
--	58223GT	SEAL,FILTER ASSY (60334)***		--	58596GT	BEARING KIT,OUTER (88921) <i>use with swing drive 139189; from SN 1140</i>	
--	60857GT	FILTER,ELEMENT,BETA(5)=1000		--	58597GT	BEARING KIT,INNER (88921) <i>use with swing drive 139189; from SN 1140</i>	
11A	1255768GT	SWING DRIVE ASSEMBLY <i>(Complete) swing drive 1255768 can be installed as a direct replacement of previous swing drives 139189 or 88921</i>		--	6886GT	WASHER,LOCK,.,313 <i>manifold to motor</i>	
--	1255769GT	SEAL KIT, SWING BRAKE <i>(Used on swing drive 1255768)</i>		--	83124GT	DRAIN PLUG <i>use with swing drive 139189; from SN 1140</i>	
--	1255770GT	KIT, FRICTION DISC <i>(Used on swing drive 1255768)</i>		--	94620GT	SEAL KIT,SWING TORQ HUB*** <i>use with swing drive 139189; from SN 1140</i>	
--	1255771GT	KIT, BRAKE SPRING <i>(Used on swing drive 1255768)</i>		11C		Ref. SWING DRIVE ASSEMBLY <i>Previous SWING DRIVE ASSEMBLY 88921 is no longer available, order complete assembly 1255768 for first time replacement; to SN 1139</i>	
--	1255772GT	KIT, SWING BRAKE REBUILD <i>(Used on swing drive 1255768)</i>		--	21148GT	WASHER,THRUST,TORQUE HUB <i>use with swing drive 88921; to SN 1139</i>	
--	1255773GT	BRAKE TUBING <i>(Used on swing drive 1255768)</i>		--	29290GT	SEAL KIT,FAIRFIELD (S1A2)*** <i>does not include thrust washer part 21148 (used with swing drive 88921); to SN 1139</i>	
--	139308GT	SWING MOTOR COMPLETE*** <i>(Used on swing drive 1255768)</i>		--	41489GT	SCREW,SHC,5/16-18 X 2,PLATED <i>manifold to motor,</i>	
--	139309GT	CBV ASSEMBLY*** <i>(Used on swing drive 1255768)</i>		--	45483GT	VALVE,SHUTTLE*** <i>use with swing drive 88921; to SN 1139</i>	
--	139315GT	O-RING,MOTOR/BRAKE*** <i>(Used on swing drive 1255768)</i>					
--	139323GT	VALVE,COUNTERBAL,CBCA-LIN*** <i>(Used on swing drive 1255768)</i>					
--	41489GT	SCREW,SHC,5/16-18 X 2,PLATED <i>manifold to motor,</i>					
--	58304GT	SHAFT,OUTPUT <i>(Used on swing drive 1255768)</i>					
--	6886GT	WASHER,LOCK,.,313 <i>manifold to motor</i>					
11B		Ref. SWING DRIVE ASSEMBLY <i>Previous SWING DRIVE ASSEMBLY 139189 is no longer available, order complete assembly 1255768 for first time replacement; from SN 1140</i>					

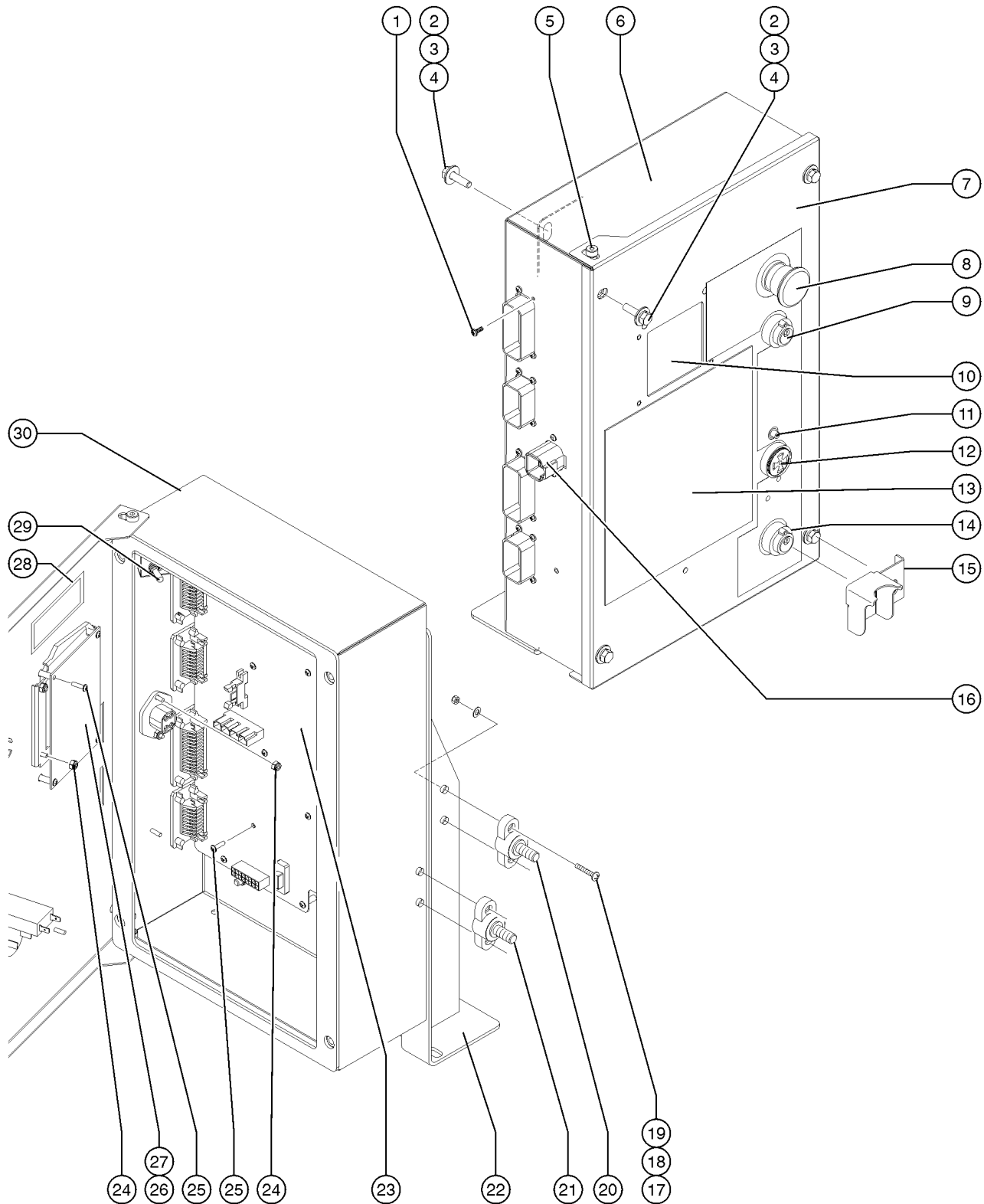
304.1 Hydraulic Tank Side Components (continued)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	58387GT	O-RING,MOTOR/BRAKE (88921)*** <i>use with swing drive 88921; to SN 1139</i>		26	101361GT	POWER UNIT,AUX PUMP 12 VDC.....2	
--	58596GT	BEARING KIT,OUTER (88921) <i>use with swing drive 88921; to SN 1139</i>		--	101180GT	CABLE ASSY,GND,BAT1 TO BAT2	
--	58597GT	BEARING KIT,INNER (88921) <i>use with swing drive 88921; to SN 1139</i>		--	101181GT	BATTERY CABLE,2GA RED,AUX.....162-inches	
--	65616GT	SEAL KIT PWR WHL MOTOR <i>use with swing motor 94621 on swing drive 88921; to SN 1139</i>		--	101182GT	BATTERY CABLE 2GA RED AUX#2.....63-inches	
--	6886GT	WASHER,LOCK,.313 <i>manifold to motor</i>		--	101185GT	CABLE ASSY,AUX BATT JUMPER,RED.....5-inches	
--	81366GT	MANIFOLD,SWING CB & BRAKE <i>use with swing drive 88921; to SN 1139</i>		--	101682GT	CABLE ASSY NEG 2GA BLACK AUX#1.....31-inches	
--	83009GT	VALVE,COUNTERBALANCE(81366)*** <i>use with swing drive 88921; to SN 1139</i>		--	101683GT	CABLE ASSY NEG 2GA BLACK AUX#2.....34-inches	
--	94621GT	SWING MOTOR,COMPLETE*** <i>use with swing drive 88921; to SN 1139</i>		--	58489GT	PUMP ASSY,AUX.POWER UNIT 89617	
--	94622GT	BRAKE PORT HARDLINE <i>use with swing drive 88921; to SN 1139</i>		--	62412GT	SOLENOID,MOTOR START,60511,APU	
--	94623GT	KIT,FRICTION DISC <i>use with swing drive 88921; to SN 1139</i>		27		Ref. Function Manifold (refer to 705 or 706)	
--	94624GT	KIT,BRAKE SPRING <i>use with swing drive 88921; to SN 1139</i>		28	107511GT	FORMING,BATTERY BOX,MOUNT.....2	
--	94625GT	SEAL KIT,SWING BRAKE <i>use with swing drive 88921; to SN 1139</i>		29	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
--	94626GT	KIT,SWING BRAKE REBUILD <i>use with swing drive 88921; to SN 1139</i>		30	107510PGT	COVER,BATTERY BOX***.....1	
12	54177GT	SCREW,HHC,1/2-13 X 1.5 GRD 8.....18		--	36424GT	THUMB SCREW W/SHOULDER 3/8-16.....2	
13	13066GT	WASHER,FLAT,5 HARDENED.....18		31	56462GT	BATTERY, J 305GH, 315AH.....2	
14		Ref. Power to Platform Harness, Secondary (refer to section 308.1).....1		--	57162GT	BATTERY TERMINAL PROTECTORS....6	
15	7057GT	CONN. SQZ,1/2NPT .39-.56 MED.....1		32	107509GT	WELDMENT,BATTERY BOX.....1	
16	71259GT	OIL COOLER W/FAN, 12VDC.....1		--	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG....2	
--	75854GT	FAN - VENTED		33	60727GT	FORMING,COVER STOP***.....2	
--	75855GT	THERMOSTAT -OIL COOLER (71259)		34		Ref. Ground Controls (refer to 305.1)	
17	50974GT	BUMPER,RUBBER,COVERS.....3		35	101483GT	TANK,HYDRAULIC,65 GALLON.....1	
18	60729PGT	FORMING,COVER STOP**.....1		--	21141GT	GAUGE-SIGHT,LHA-LGTB***	
19	106020PGT	FORMING,HOSE TRAY,SWING PAINTD.....1		--	94612GT	PLUG,MAGNETIC,SAE-6***	
20	6638GT	WASHER,FLAT,USS,1/4"Y		36	60559GT	BREATHER,RESERVOIR 3 MICRON***	
21	6091GT	NUT,NYLOCK,1/4-20		37	75113GT	FILLER NECK/CAP ASSY.HYD TANK*	
22	139647-SGT	MODULE,SCON,V2.00,SERVICE.....1 <i>to SN 1711, machine needs to be recalibrated after installing a new module</i>		38	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG....2	
--	1258463GT	MODULE,SCON,PROGRAMMED <i>from SN 1712, machine needs to be recalibrated after installing a new module</i>		39	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
23	106171GT	FORMING,PINION GUARD.....1		40	5397GT	WASHER,FLAT,USS,5/16",Y	
24	88212GT	SCREW,SHC,3/4-10 X 3.00,A574.....16		41	6782GT	NUT,NYLOCK,5/16-18	
25	33278GT	WASHER,FLAT,.75 HARDENED.....16		42	106037GT	FORMING,SWING CHASSIS BULKHEAD	
				43	6888GT	SCREW,HHC,1/4-20 X 1	
				44	6638GT	WASHER,FLAT,USS,1/4"Y	
				45	101959GT	FILTER,RETURN,10 MICRON,PAPER....1	
				--	101960GT	FILTER ELEMENT,10 MICRON <i>Genie Genuine Part. See PN 1254825 for compatible aftermarket replacement.</i>	
				--	1254825GT	FILTER ELEMENT,10 MICRON.....1 <i>Genie Aftermarket Part. Compatible with Genie Genuine Part 101960.</i>	
				--	228824GT	FILTER,ELEMENT,BETA(10)=1000 <i>use with hydraulic fluid fire resistant option</i>	

304.1 Hydraulic Tank Side Components
(continued)

Item	Part No.	Description	Qty.
--	52768GT	GAUGE,MED.PRESSUR FILTER,50530	
46	6886GT	WASHER,LOCK, .313	
47	60936GT	BRACKET,RETURN FILTER.....1 to SN 320	
--	119171PGT	FORMING,RETURN FILTER,PAINTED from SN 321	

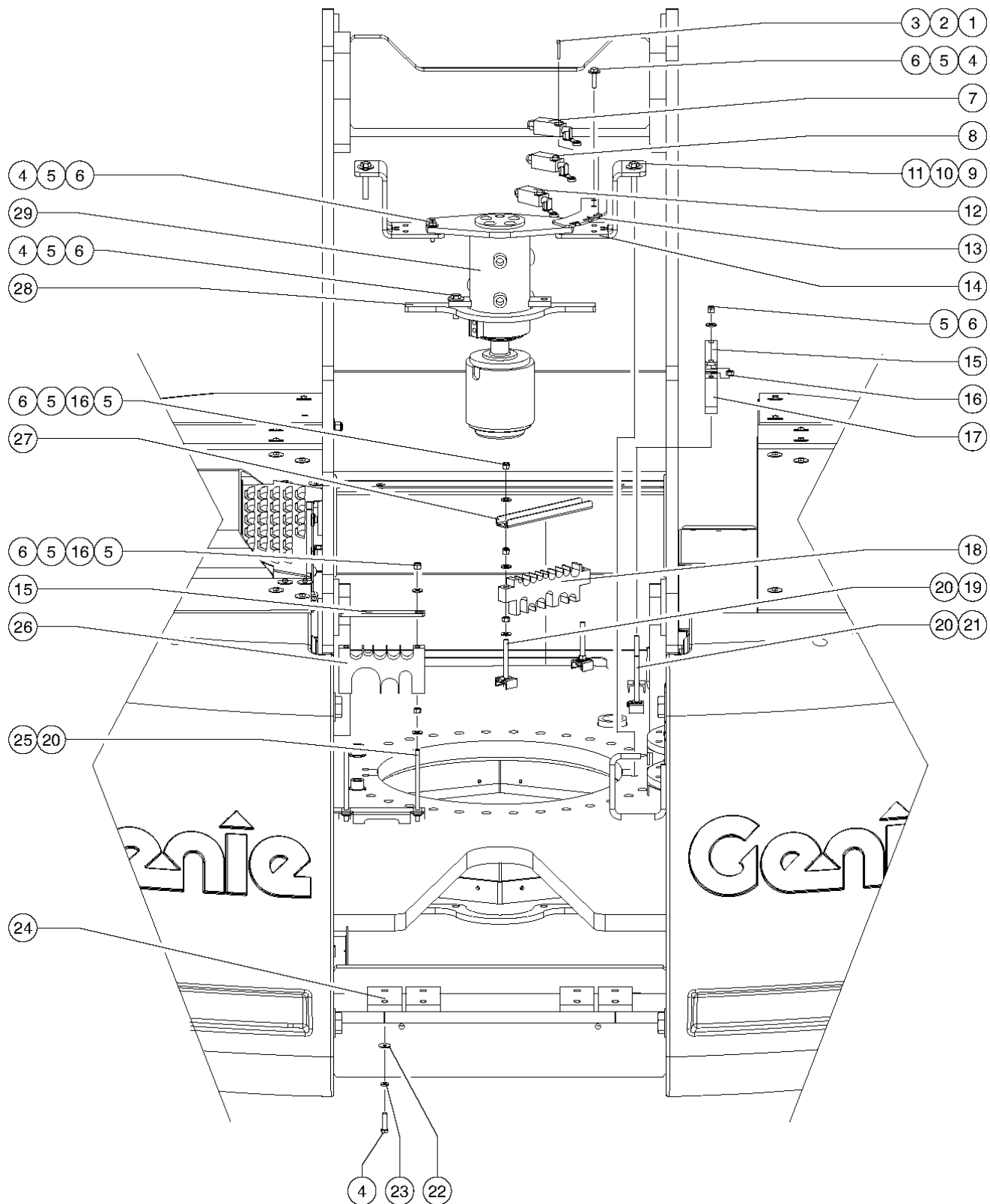
305.1 Ground controls



305.1 Ground controls

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	T108692GT	ASSY,RESISTOR, P6R2		16	73717GT	CONN,RECEP 4 WAY,12-14GA FL***.....1	
--	T108693GT	ASSY, RESISTOR, P7R/P6R1		17	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75	
1	81551GT	SCREW,PHIL,PHM,6-32 X 1/4 SS		18	6146GT	WASHER,FLAT,MS,#10,Y	
2	6888GT	SCREW,HHC,1/4-20 X 1		19	6178GT	NUT,NYLOCK,10-32	
3	6356GT	WASHER,LOCK,.25		20	94981GT	STUD,POWER 3/8" RED.....1	
4	6638GT	WASHER,FLAT,USS,1/4"Y		21	94982GT	STANDOFF, 3/8" BLACK.....1	
5	88315GT	SCREW,SHS,1/4-20 X .25 ZINC		22	60571-SGT	BRACKET,CNTL BOX MOUNTING***.....1	
6	106512GT	CONTROL BOX ASSY,TCON.....1 <i>does not include item 22; to SN 1711, to order provide model, serial number, and software revision</i>		23	217570GT	ASSY,SRV,PCB ASSY,ECM,GRD,V202.....1 <i>Machine model and serial number and software revision required when ordering. Please contact Genie Service Parts for assistance; to SN 1711</i>	
--	237069GT	ASSY,CONTROL BOX,TCON,Z135 <i>does not include item 22; from SN 1712, to order provide model, serial number, and software revision</i>		--	1258461GT	PCB,ASSY,ECM,GROUND,PGMD <i>Machine model and serial number and software revision required when ordering. Please contact Genie Service Parts for assistance; from SN 1712</i>	
7	107714GT	GBOX LID W/DECAL,Z135.....1 <i>includes item 13</i>		24	12344GT	NUT,NYLOCK,6-32	
8	122519GT	KIT,ESTOP SVC LARGE BOOM.....1		25	49820GT	SCREW,PHILLIPS,PHM,6-32 X .5	
--	146478GT	BOOT(BELLOWS),E-STOP,BLACK		26	62375GT	CLIP,LCD,GRND.CONTROL.....1	
--	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD.....1		27	88056GT	PCB,ASSY,LCD,GROUND.....1	
--	66817GT	BASE WITH 1 NC CONTACT, E-STOP		--	122258GT	FIELD KIT,LCD HEATER <i>LCD heater option</i>	
--	66818GT	CONTACT,NC		--	122406GT	ASSEMBLY,LCD HEATER ALC1000 <i>LCD heater option (transparent heater)</i>	
9	122515GT	KIT,KEYSWITCH SVC LARGE BOOM....1		--	122792GT	ASSY,BRACKET,KS CONTACT BLOCK <i>LCD heater option (includes thermostat switch item 122793)</i>	
--	122366GT	KEYSWITCH,CONTACTS LOCK		--	122793GT	SWITCH,THERMOSTAT 60F OPEN <i>LCD heater option</i>	
--	122367GT	KEYSWITCH,DUMMY BLOCK.....1		28	82812GT	DECAL,LABEL,READ THE SERV MAN*.....1	
--	66811GT	KEYSWITCH,3POS.MNTND.DR WKEY**.....1 <i>includes keyswitch and two keys, not included: base or contacts.</i>		29	56457-SGT	SWITCH,TOGGLE,SPDT,2 POS MAINT.....1	
--	66816GT	CONTACT,N.O.***.....5		30	88177GT	GASKET,GROUND CONTROL BOX.....1	
--	66821GT	BASE,WITHOUT CONTACTS.....1					
--	83093GT	KEY SINGLE***					
10	62374GT	LENS,LCD,GRND.CONTROL.....1					
11	147095GT	ASSY, CIRCUIT BREAKER 20A.....1					
12	62379GT	ALARM,AUDIO,SUPERBOOM***.....1					
--	72326GT	NUT - PLASTIC,RING FOR ALARMS					
13	106510GT	DECAL,MEMBRANE,GROUND CONTROL.....1					
14	122516GT	KIT,RECOVERY SVC LARGE BOOMS...1					
--	122366GT	KEYSWITCH,CONTACTS LOCK.....1					
--	66816GT	CONTACT,N.O.***.....3					
--	66818GT	CONTACT,NC.....3					
--	66821GT	BASE,WITHOUT CONTACTS.....1					
--	88150GT	KEYSWITCH,3 POS.MOM.DR,W/KEY**.....1					
15	215590GT	WELDMENT,KEYSWITCH COVER					

306.1 Turntable Center Components



306.1 Turntable Center Components

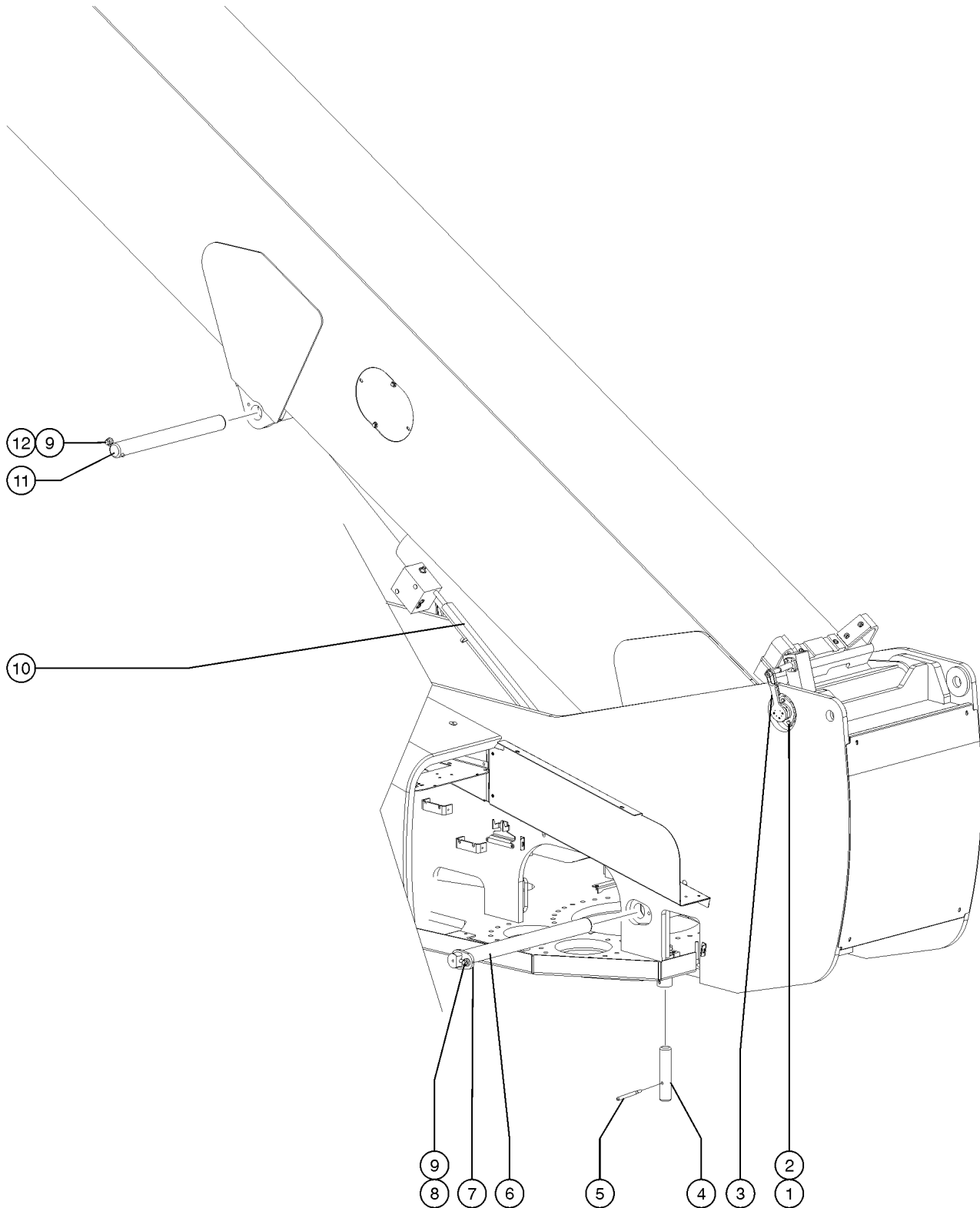
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5		26	106013GT	CLAMP,HOSE,CENTER.....1	
2	6146GT	WASHER,FLAT,MS,#10,Y		27	106684PGT	FORMING,CLAMP HOLD DOWN PAINTD.....1	
3	6178GT	NUT,NYLOCK,10-32		28	106498GT	HYDRAULIC SWIVEL SUPPORT.....1	
4	8516GT	SCREW, HCC, 3/8-16 X 1.50		29A	1253702GT	ASSY, HYD/ELEC 5 PORT/10 CONT.....1 (complete) previous swivels 122918, 89437 and 107533 are no longer available, for a complete replacement order swivel assembly 1253702	
5	6097GT	WASHER,FLAT,USS,3/8",Y		--	10107GT	SCREW,HHC,5/16-18 X .75 part of swivel assemblies 1253702	
6	4828GT	NUT,NYLOCK,3/8-16		--	1253696GT	ASSY., ELECTRIC SWIVEL, 10 CON part of swivel assemblies 1253702	
7	110915GT	SWITCH ASSY,LIMIT LST10.....1		--	1253697GT	MACHINED, SWIVEL MOUNTING part of swivel assemblies 1253702	
--	110771-43103GT	SWITCH LIMIT W/ROLLER NO/NC		--	1253698GT	MACHINED, SWIVEL ANTI-ROTATION part of swivel assemblies 1253702	
--	119065GT	CONN,RECEP 2 WAY ENDCAP DT		--	1253699GT	ASSY., HYDRAULIC SWIVEL, 5 POR part of swivel assemblies 1253702	
--	43960GT	WIRE CABLE,16/4 CON.TPE JKT.....79-inches		--	1253709GT	SCREW,SHC,7/16-14X1.25,A574,YZ part of swivel assemblies 1253702	
--	60439GT	LOCK,RECEP 2 WAY, 14-18GA		--	1276830GT	SEAL KIT,HYDRAULIC SWIVEL(1253699) for 1253699	
--	73713GT	TERM,NI PIN,S&F,16-18GA,REEL		29B		previous swivels 122918, 89437 and 107533 are no longer available, for a complete replacement order swivel assembly 1253702	
8	110917GT	SWITCH ASSY,LIMIT LST1S.....1		--	10107GT	SCREW,HHC,5/16-18 X .75	
--	110771-43103GT	SWITCH LIMIT W/ROLLER NO/NC		--	102279GT	ROTATOR,ELECT,10 CONT*** part of swivel assemblies 89437 and 107533	
--	119762GT	CONN PLUG 4 WAY EXTEND DT		--	106914GT	CHANNEL, MOUNTING part of swivel assemblies 107533 and 122918	
--	43960GT	WIRE CABLE,16/4 CON.TPE JKT.....76-inches		--	122919GT	SWIVEL,ELECTRIC 10 CONTACT*** part of swivel assembly 122918	
--	60429GT	LOCK,PLUG 4 WAY,14-18GA		--	62321GT	SEAL KIT,HYD SWIVEL (75126)***	
--	73713GT	TERM,NI PIN,S&F,16-18GA,REEL		--	75126GT	SWIVEL,HYDRAULIC,5 PORT part of swivel assemblies 89437 and 107533	
9	10598GT	SCREW,HHC,1/2-13 X 3		--	75128GT	SPACER,SWIVEL MOUNT part of swivel assembly 89437	
10	6095GT	WASHER,FLAT,USS,1/2",Y		--	75129GT	ARM,ANTI-ROTATION,SWIVEL***	
11	6198GT	NUT,NYLOCK,1/2-13		--	75130GT	SCREW,SHC,7/16-14 X .75,61342	
12	110916GT	SWITCH ASSY,LIMIT LST10.....1		--	T106954GT	SEAL, O-RING LIP part of swivel assemblies 89437 and 107533	
--	110771-43103GT	SWITCH LIMIT W/ROLLER NO/NC		--	T106955GT	SEAL, POLY, CHAMFER part of swivel assemblies 89437 and 107533	
--	119067GT	CONN,RECEP 4 WAY ENDCAP DT		--	T106956GT	SEAL,O-RING,SQUARE part of swivel assemblies 89437 and 107533	
--	43960GT	WIRE CABLE,16/4 CON.TPE JKT.....79-inches					
--	60443GT	LOCK,RECEP 4 WAY,14-18GA					
--	73713GT	TERM,NI PIN,S&F,16-18GA,REEL					
13	217689GT	BRACKET, LS, DRIVE ROT.....1					
14	60575PGT	BRACKET,HYD.ROTATOR MOUNT MNT.....2					
15	106830GT	PLATE,HOSE CLAMP.....2					
16	4828GT	NUT,NYLOCK,3/8-16					
17	106012GT	CLAMP,HOSE,TANK SIDE.....1					
18	106014GT	CLAMP,HOSE,ELEVATE.....1					
19	7684GT	THREADED ROD,(3/8-16),4.25"					
20	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG					
21	31723GT	BRACKET,SEQ.CABLE -NOVON & TUV					
22	6097GT	WASHER,FLAT,USS,3/8",Y					
23	6021GT	WASHER,LOCK,.375					
24	34124GT	WEAR PAD,5 X 3 X .625 W/NUTS.....4					
25	107755GT	THREADED ROD, 3/8-16,6.50 LG					

306.1 Turntable Center Components
(continued)

Item	Part No.	Description	Qty.
--	T106960GT	SEAL, CAP <i>part of swivel assemblies 89437 and 107533</i>	

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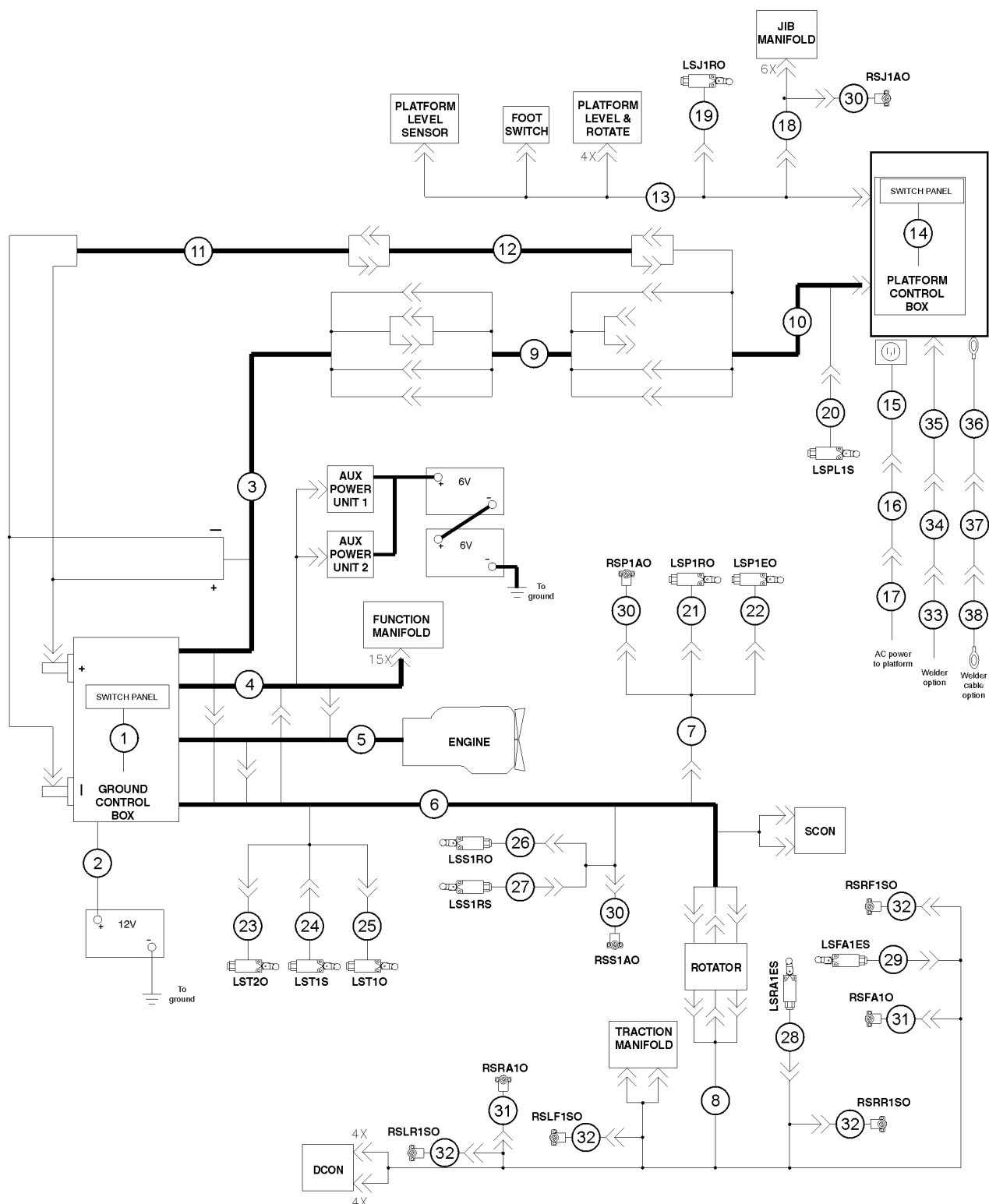
307.1 Secondary Boom Lift Cylinder



307.1 Secondary Boom Lift Cylinder

Item	Part No.	Description	Qty.
1	6096GT	SCREW,HHC,1/2-13 X 2 GR5.....1	
2	6033GT	WASHER,LOCK,0.5"	
3	101716GT	WELDMENT,RISER ROTARY SNSR PIN.....1	
--		Ref. ASSY,ANGLE SEN.,Z135 SECONDARY (Refer to 502.1 or 502.2)	
4	61222GT	PIN,TRANSPORT STORAGE LOCK.....1	
--	146343GT	SERVICE KIT,TRANSPORT PIN Z135	
5	61223GT	PIN,TRANSPORT STORAGE HANDLE.....1	
6	107654GT	PIN,SECONDARY LIFT.....1	
7	107653GT	PLATE,RETAINER PIN.....1	
8	117491GT	SCREW,HHC,1/2-13X2.00 GR8.....1	
9	1256267GT	ROD END,.5 X 3.75,ZAG.....2	
10	61812GT	CYLINDER,SECONDARY LIFT***.....1	
--	106376GT	SEAL KIT,CYL***	
--	106846GT	VALVE,CB.CWCL-LGN@4000 PSI***	
--	27697GT	BEARING,2.50IDX2.75ODX1.50L	
--	76069GT	VALVE,COUNTERBALANCE 4000 PSI	
11	94818GT	PIN,2.50DIAX25.00LG,1HOLE.....1	
12	54177GT	SCREW,HHC,1/2-13 X 1.5 GRD 8.....1	

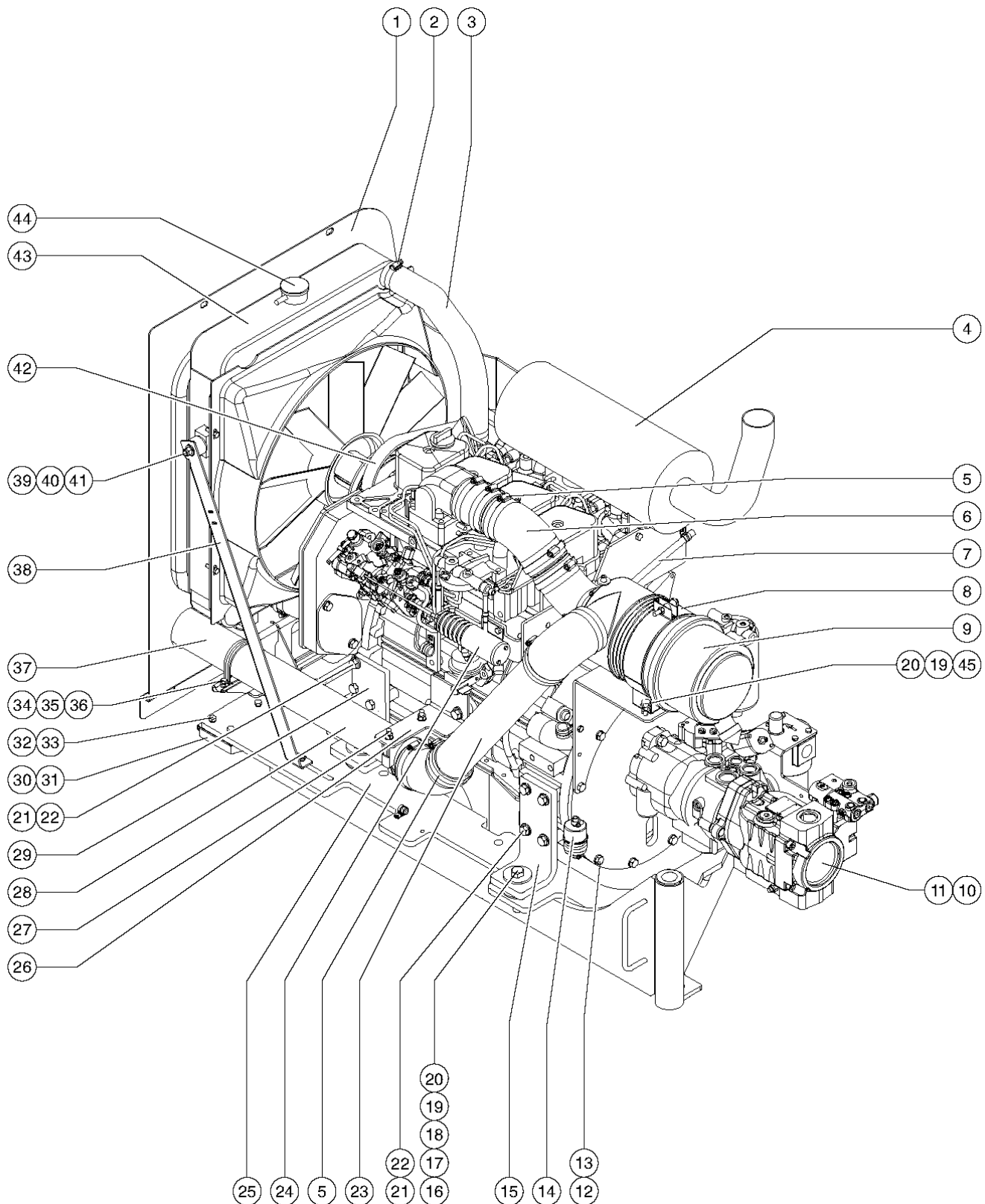
308.1 Wire Harness Diagram



308.1 Wire Harness Diagram

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--				14	94966GT	HARNESS,PCON.....1 to SN 439	
--	77103GT	SLEEVE,NYLON,3.13 ID.....29-inches		--	119674GT	HARNESS,FUNCTION MANIFOLD J14* from SN 440	
1	94967GT	HARNESS,TCON.....1 to SN 320		15	94971GT	HARNESS,POWER TO PLAT,JIB.....1	
--	110769GT	KIT,Z135 KEYSWITCH REWIRE*** retrofit kit; to SN 226		16	94970GT	HARNESS,POWER TO PLAT,PRI.....1	
--	119244GT	HARNESS,TCON from SN 321 to 1418		17	94969GT	HARNESS,POWER TO PLAT,SEC.....1	
--	226497GT	HARNESS,TCON Z135 from SN 1419		18	94976GT	HARNESS,JIB MANIFOLD.....1	
--	T108693GT	ASSY, RESISTOR, P7R/P6R1 from SN 1225 to 1418		19	110911GT	SWITCH ASSY,LIMIT LSJ1RO.....1	
--	T111582GT	KIT,Z135 RESISTOR UPGRADE harness upgrade kit, includes resistor assembly p/n T108693 and resistor p/n T108691; to SN 1224		20	94549GT	SWITCH,LOAD LIMIT.....1	
2	94968GT	HARNESS,POWER,TCON,J5.....1		21	110913GT	SWITCH ASSY,LIMIT LSP1RO.....1	
3	94960GT	HARNESS,SEC.COMPOSITE J1.....1		22	110914GT	SWITCH ASSY,LIMIT LSS1EO.....1	
4	94958GT	HARNESS,FUNCTION MANIFOLD J14*.....1		23	110916GT	SWITCH ASSY,LIMIT LST1O.....1	
5	94954GT	HARNESS,ENGINE,CUMMINS.....1 Cummins models; to SN 219		24	110917GT	SWITCH ASSY,LIMIT LST1S.....1	
--	110692GT	HARNESS,ENGINE,CUMMINS 2005***.....1 Cummins models; from SN 220 to 1003		25	110915GT	SWITCH ASSY,LIMIT LST1O.....1	
--	122054GT	HARNESS,ENGINE,DEUTZ J3.....1 Deutz models; from SN 410		26	110909GT	SWITCH ASSY,LIMIT LSS1RO.....1	
--	128829GT	CIRCUIT BRKR 15A TYPE 2 METAL from SN 1004		27	110910GT	SWITCH ASSY,LIMIT LSS1RS.....1	
--	139253GT	HARNESS, CUMMINS B3.3T Cummins models; from SN 1004		28	110934GT	SWITCH ASSY,LIMIT LSFA1ES,LSRA....1	
--	94953GT	HARNESS,ENGINE,DEUTZ J3.....1 Deutz models; to SN 409		29	110934GT	SWITCH ASSY,LIMIT LSFA1ES,LSRA....1	
--	94955GT	HARNESS,ENGINE,PERKINS J3.....1 Perkins models		30	94980GT	SENSOR,DUAL OUTPUT,ANGLE***.....3 (calibration required after replacement)	
6	94959GT	HARNESS,LOWER LIMIT SWTCH,SCON.....1 to SN 1418		31	94985GT	SENSOR,AXLE POSITION.....1	
--	226496GT	HARNESS,LOWER LIMIT SWITCH from SN 1419 to 2000		32	106187GT	SUBASSY,STEER SENSOR.....4	
--	T108692GT	ASSY,RESISTOR, P6R2 from SN 1225 to 1418		33	106482GT	HARNESS,AC/3P PWR TO PLAT,SEC.....1046-inches (welder option)	
7	119792GT	HARNESS UPPER LIMIT SWITCH.....1		34	106483GT	HARNESS,AC/3P PWR TO PLAT,PRI.....740-inches (welder option)	
8	94956GT	HARNESS,DRIVE CHASSIS.....1		35	106484GT	HARNESS,AC/3P PWR TO PLAT,JIB.....351-inches (welder option)	
9	94961GT	HARNESS,PRIMARY COMPOSITE***.....1		36	101001GT	WELD CABLE,POSITIVE,JIB..345-inches (welder cable option)	
10	94962GT	HARNESS,JIB COMPOSITE.....1		--	94998GT	WELD CABLE,NEGATIVE,JIB.....345-inches (welder cable option)	
11	94972GT	HARNESS,DC POWER,SECONDARY....1		37	101000GT	WELD CABLE,POSITIVE,PRIMARY...672-inches (welder cable option)	
12	94973GT	HARNESS,DC POWER,PRIMARY.....1		--	94997GT	WELD CABLE,NEGATIVE,PRIMARY..672-inches (welder cable option)	
13	94963GT	HARNESS,PLAT J2.....1		38	94999GT	WELD CABLE,POSITIVE,SECONDARY.956-inches (welder cable option)	
				--	94996GT	WELD CABLE,NEGATIVE,SECONDARY.956-inches (welder cable option)	

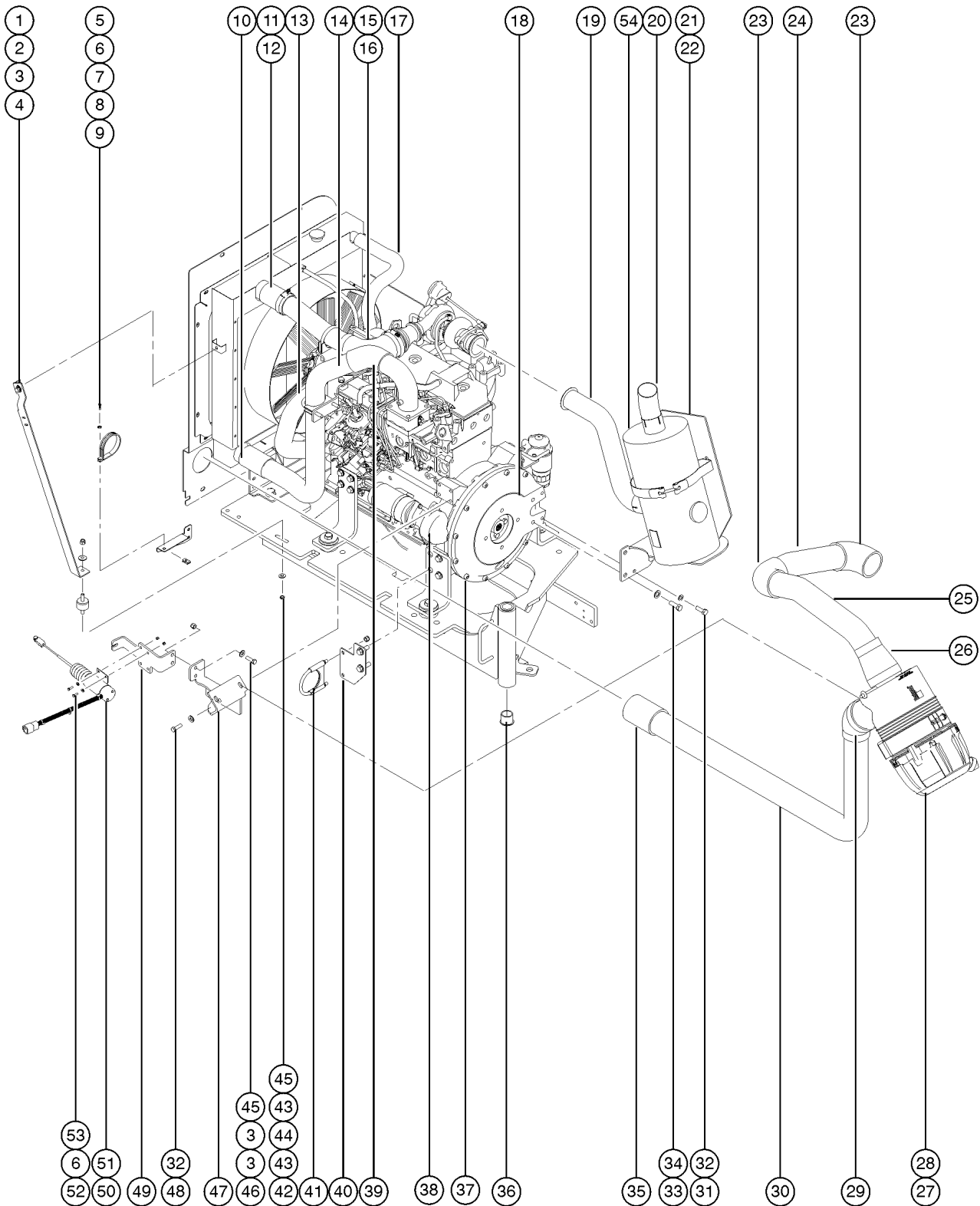
401.1 Cummins B4. 5L Engine, View 1 (to SN 950)



401.1 Cummins B4. 5L Engine, View 1 (to SN 950)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	70537PGT	BAFFLE,ENGINE AIR,PAINTED.....1		--	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L	
2	22672GT	CLAMP,HOSE,1.75.....2		26	70556GT	BRACKET,CUMMINS INTAKE TUBE.....1	
3	60586GT	RADIATOR HOSE,UPPER-CUMMINS....1		27	61273GT	CLAMP-HEAVY DUTY.....1	
4	60550GT	MUFFLER,NELSON 3.9L.....1		28	81738-2700GT	TUBE,RD,STL 3 X 18GA ALUMINIZD	
--	61024GT	OPT,DIESEL SCRUBBER CUMMINS		29	102043GT	WELDMNT,ENGINE MOUNT,RT,FRONT.....1	
--	75151GT	GASKET,MUFFLER,CUMMINS, B3.9L		30	60637GT	WEAR PAD,ENGINE SUPPORT.....1	
5	30489GT	CLAMP,HOSE,3.50.....6		31	60826GT	SHIM,WEAR PAD ENGINE TRAY.....as-needed	
6	61270GT	ELBOW,45 DEG,INLET.....2		32	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
--	106211-300GT	HOSE,RUBBER 3"ID X .25 BLACK		33	6021GT	WASHER,LOCK,,375	
7	102301GT	DIPSTICK,CUMMINS, B4.5.....1		34	6888GT	SCREW,HHC,1/4-20 X 1	
8	81468GT	MOUNTING BAND,AIR CLEANER.....1		35	6638GT	WASHER,FLAT,USS,1/4"Y	
9	81467GT	AIR CLEANER,NELSON.....1		36	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
--	101662GT	OPTION,PRECLEANER CUMMINS		37	70257GT	CLAMP,3.0,#48 X 1/4,RUB CUSH	
--	52866GT	EVACUATOR VALVE-AIR CLEANER for 81467		38	75262GT	RADIATOR STRUT,LEFT	
--	62425GT	FILTER,AIR CLEANER, SUPERBOOM for 81467		39	75260GT	ISOLATOR,FLEX-BOLT SANDWICH***.....1	
--	75450GT	AIR CLEANER CLIPS, SUPERBOOM for 81467		40	4828GT	NUT,NYLOCK,3/8-16	
--	75451GT	AIR CLEANER COVER, SUPERBOOM* for 81467		41	5397GT	WASHER,FLAT,USS,5/16",Y	
10		Ref. Function Pump (refer to 714.1)		42	102203GT	BELT,SERPENTINE, CUMMINS B4.5.....1	
11		Ref. Drive Pump (refer to 714.1)		43	70518GT	RADIATOR.....1	
12	44064GT	SCREW,HHC,M10 X 30MM,		44	65473GT	CAP,RADIATOR,PERKINS/FORD.....1	
13	22699GT	WASHER,FLAT,M10,ZINC PLTD.		45	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8.....2	
14	33971GT	FILTER,FUEL,LSG-423, IN-LINE.....1					
15	102044PGT	BRACKET,ENGINE MOUNT,CUMMINS.....2					
16	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8.....2					
17	33418GT	WASHER,FLAT,.625 X 2.25 X.15					
18	102045GT	ISOLATOR,ENGINE VIBRATION.....2					
19	13064GT	WASHER,FLAT,.625 HARDENED					
20	6024GT	NUT,NYLOCK,5/8-11					
21	27584GT	SCREW,HHC,M12 X 35MM					
22	49410GT	WASHER,FLAT,M12					
23	81738-2200GT	TUBE,RD,STL 3 X 18GA ALUMINIZD					
24	101957GT	SOLENOID,THROTTLE,ASSY.TROMB...1					
--		Ref. Module Relay (refer to 303.1)					
--	102048GT	CABLE ASSY,THROTTLE					
--	60525GT	CONN,RECEP 4 WAY,12-14GA					
--	60526GT	LOCK,RECEP 4 WAY,12-14GA					
--	60757GT	PLUG,SEAL,12-18 GA					
--	73711GT	TERM,DEUTSCH, PIN #12-14					
--	89998GT	KIT,SERVICE,SOLENOID MODULE					
25	106785GT	ENGINE TRAY ASSEMBLY.....1					

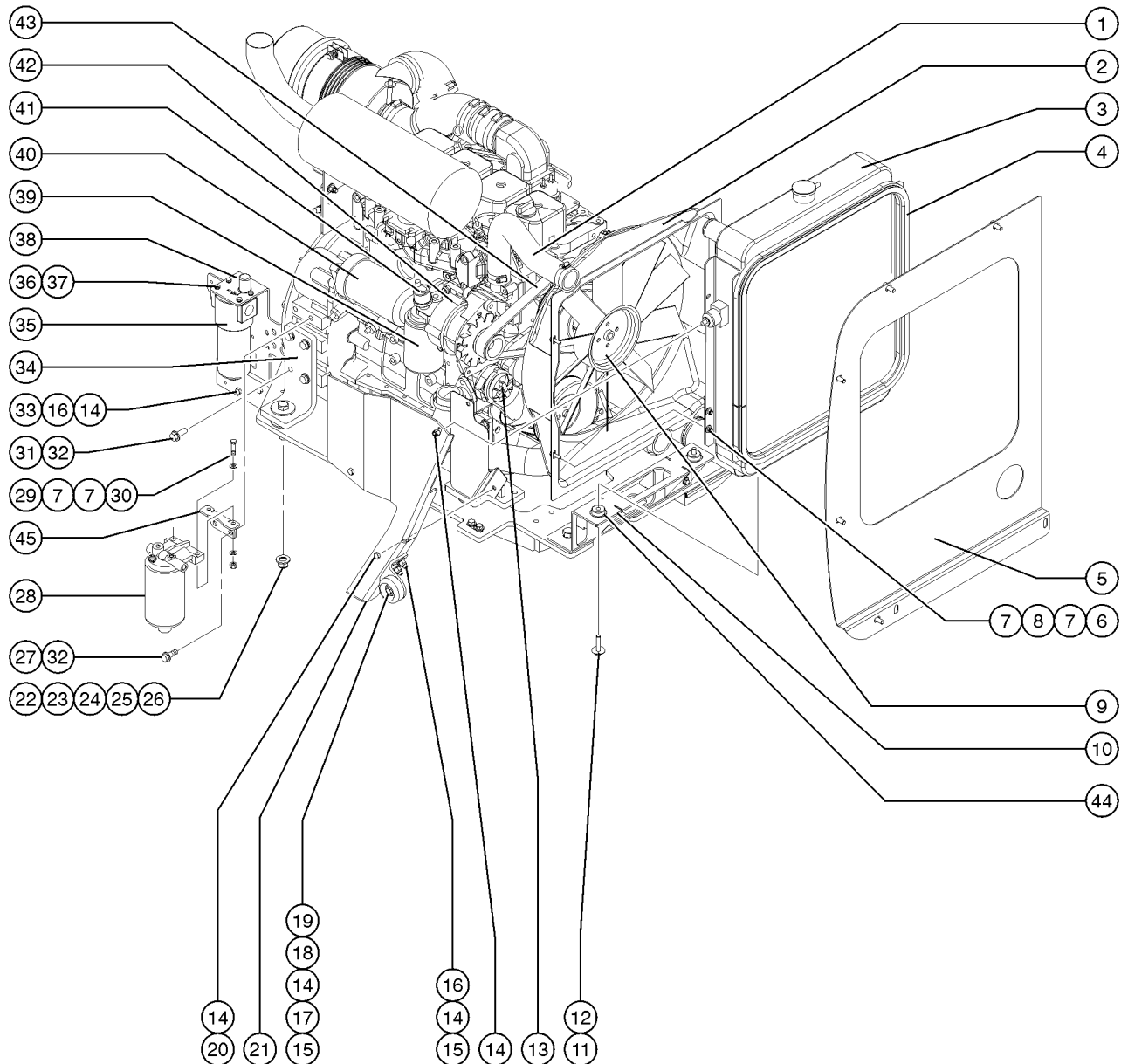
401.2 Cummins B3.3T Engine, View 1 (from SN 951)



401.2 Cummins B3.3T Engine, View 1 (from SN 951)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	8255GT	SCREW,HHC,3/8-16 X .75		41	122414GT	U-BOLT,GUILLOTINE,3"	
2	6021GT	WASHER,LOCK,.375		42	7713GT	NUT, LP NYLOCK, 3/8-16	
3	5397GT	WASHER,FLAT,USS,5/16",Y		43	6097GT	WASHER,FLAT,USS,3/8",Y	
4	122411GT	RADIATOR STRUT,LEFT.....1		44	122428GT	MOUNT,1"FLEX-BOLT SANDWICH.....1	
5	6888GT	SCREW,HHC,1/4-20 X 1		45	4828GT	NUT,NYLOCK,3/8-16	
6	6638GT	WASHER,FLAT,USS,1/4"Y		46	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
7	70257GT	CLAMP,3.0,#48 X 1/4,RUB CUSH		47		FORMING,AIR CLEANER.....1	
8	122413GT	BRACKET,INTAKE TUBE SUPPORT.....1				<i>shown component no longer available, must install kit 146307 for first time replacement</i>	
9	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG		--	146307GT	SERVICE KIT, THROTTLE, B3.3T	
10	122434GT	HOSE,CAC,2.5"ID X 4.0".....1				<i>Includes parts 146352 and 146306</i>	
11	122427GT	TUBE,CAC 1 CUM.B3.3T.....1		48	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8	
12	122591GT	CLAMP,CONST TRQ 2.25"-3.13"OD		49		FORMING,SOLENOID MOUNT.....1	
13	122408GT	HOSE,LOWER RADIATOR,CUMMINS...1				<i>shown component no longer available, must install kit 146307 for first time replacement</i>	
14	122425GT	TUBE,AIR INTAKE,UPPER.....1		--	146352GT	WLDT, AIR CLEANER/SOLENOID MNT	
15	122435GT	REDUCER,90 DEG,CAC, 3.0"-2.5".....1				<i>Can be ordered sparely if kit 146307 was previously installed</i>	
16	122592GT	CLAMP,CONST TRQ 2.75"-3.63"OD		50	101957GT	SOLENOID,THROTTLE,ASSY.TROMB...1	
17	122407GT	HOSE,UPPER RADIATOR,CUMMINS....1		51		CABLE ASSY,THROTTLE,CUM B3.3T....1	
18	70381GT	COVER,FLYWHEEL CASTING.....1				<i>shown component no longer available, must install kit 146307 for first time replacement</i>	
18A	122472GT	COUPLER,15 TOOTH,FBA,CUM B3.3T		--	146306GT	THROTTLE LINK, STEEL	
19	122604GT	TUBE, EXHAUST CUMMINS B3.3T.....1				<i>Can be ordered sparely if kit 146307 was previously installed</i>	
20	122615GT	TUBE,EXHAUST CUMMINS T3.....1		52	6090GT	SCREW,HHC,1/4-20 X .75	
21	122605GT	WLDT, MUFFLER BRKT, CUMMINS T3.....1		53	6091GT	NUT,NYLOCK,1/4-20	
22	122470GT	CLAMP,MUFFLER,CUM B3.3T		54	70444GT	MUFFLER,2.5"INLET/OUTLET.....1	
23	60561GT	ELBOW,INLET,CUMMINS.....1					
24	122614GT	TUBE,INTAKE,CUMMINS T3.....1					
25	122613GT	TUBE,INTAKE,CUMMINS T3.....1					
26	122432GT	REDUCER,RUBBER,4.0 X 3.0.....1					
27	122466GT	AIR CLEANER,CUMMINS B3.3T.....1					
--	146044GT	AIR FILTER, PRIMARY ELEMENT.....1					
--	146045GT	AIR FILTER, SECONDARY ELEMENT....1					
28	122467GT	AIR CLEANER,CLAMP,CUM B3.3T.....1					
29	122603GT	REDUCER,45 DEG, 3.75"-3.00".....1					
30	122602GT	TUBE,AIR INTAKE 1,CUM.B3.3T.....1					
31	22697GT	SCREW,HHC,M10 X 65MM,GR8.8					
32	22699GT	WASHER,FLAT,M10,ZINC PLTD.					
33	99747GT	NUT,NYLOCK,5/8-11					
34	13066GT	WASHER,FLAT,.5 HARDENED					
35	60596GT	HOSE INLET.....1					
36	35675GT	BEARING,FL,1.25IDX1.5ODX1.25L					
37	61110GT	SCREW,SHC,M10X1.5X30 GR 12.9					
38	139798GT	STARTER, 12V, CUMMINS B3.3T					
39	122433GT	ELBOW,45 DEG, CAC,2.5".....1					
40	122423GT	BRACKET,INTAKE MOUNT,CUM.....1					

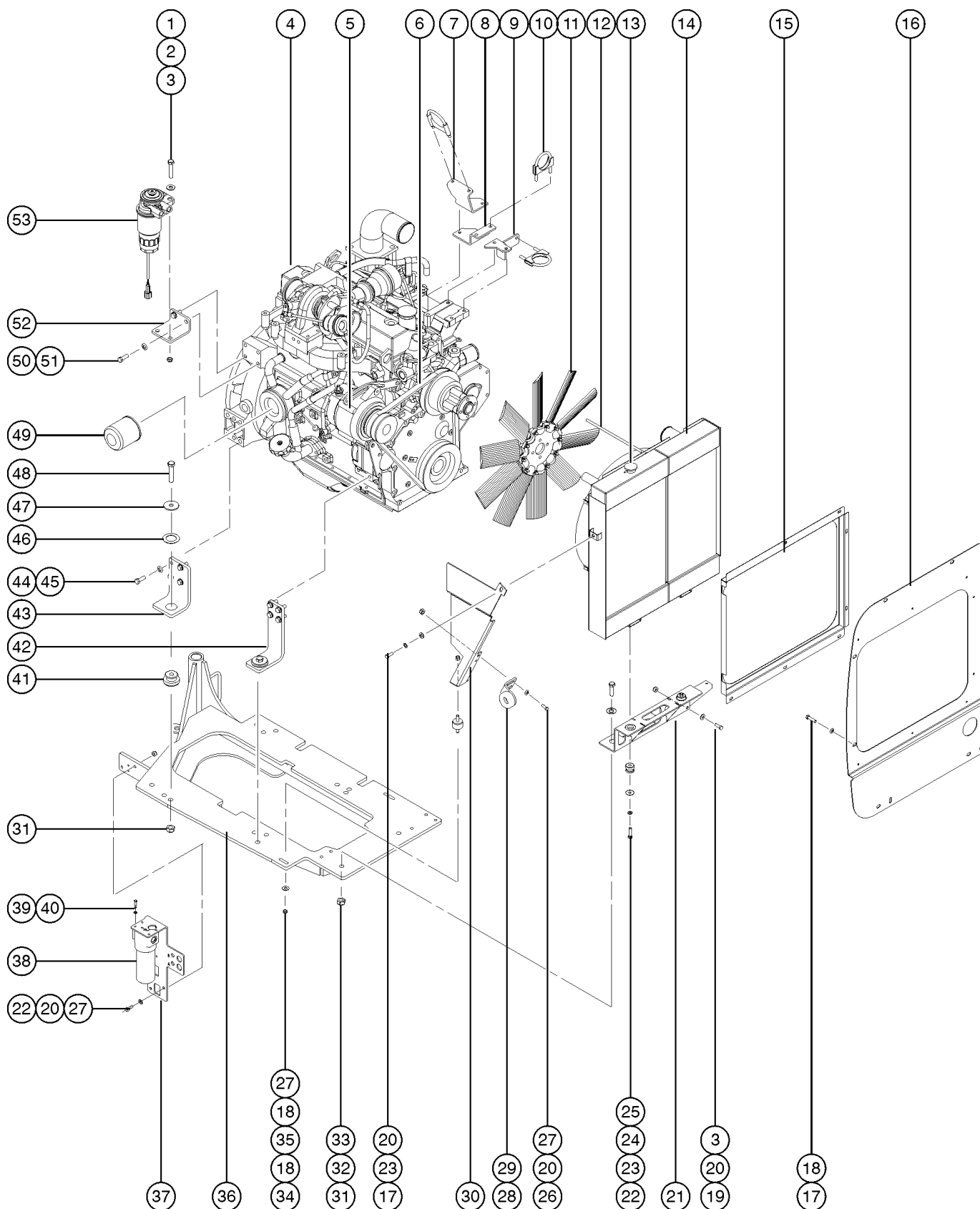
402.1 Cummins B4.5L Engine, View 2 (to SN 950)



402.1 Cummins B4.5L Engine, View 2 (to SN 950)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	60586GT	RADIATOR HOSE,UPPER-CUMMINS.....1		36	8914GT	SCREW,HHC,1/4-20 X .625	
--	102031GT	RADIATOR HOSE,LOWER-CUMMINS		37	6356GT	WASHER,LOCK,.25	
2	60649GT	SHROUD,FAN (FIBERGLASS).....1		38	70517GT	BRACKET,FILTER/TEST PORT.....1	
3	65473GT	CAP,RADIATOR,PERKINS/FORD		39	102288GT	FILTER,OIL,CUMMINS B4.5***.....1	
3	70518GT	RADIATOR.....1		40	89837GT	STARTER,12V,CUMMINS, B3.9/B4.5.....1	
4	60875GT	TRIM MOLDING.....1		41	75153GT	SENSOR,OIL PRESS,VDO360-004***	
5	70537PGT	BAFFLE,ENGINE AIR,PAINTED.....1		42	75102GT	ALTERNATOR,CUMMINS 4B3.9, 95A.....1 to SN 219	
6	6091GT	NUT,NYLOCK,1/4-20		--	111119GT	ALTERNATOR,CUMMINS B4.5 from SN 220	
7	6638GT	WASHER,FLAT,USS,1/4"Y		43	102203GT	BELT,SERPENTINE, CUMMINS B4.5.....1	
8	6888GT	SCREW,HHC,1/4-20 X 1		44	75259GT	ISOLATOR,CENTER BONDED.....2	
9	75171GT	FAN,PULLER,CUMMINS,4B3.9,60213....1		45	102101PGT	FORMING,FUEL FILTER MOUNT,PNTD.....1	
10	75297GT	WELDMENT,RADIATOR MOUNT**.....1					
11	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8.....2					
12	44714GT	WASHER,.375X1.25X.100					
13	102303GT	BELT TENSIONER CUMMINS B4.5.....1					
14	4828GT	NUT,NYLOCK,3/8-16					
15	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5					
16	5397GT	WASHER,FLAT,USS,5/16",Y					
17	6097GT	WASHER,FLAT,USS,3/8",Y					
18	50974GT	BUMPER,RUBBER,COVERS.....1					
19	60729GT	FORMING,COVER STOP***.....1					
20	6175GT	SCREW,HHC,3/8-16 X 1					
21	122026PGT	RADIATOR STRUT,RIGHT.....1					
22	6024GT	NUT,NYLOCK,5/8-11					
23	13064GT	WASHER,FLAT,.625 HARDENED					
24	102045GT	ISOLATOR,ENGINE VIBRATION.....4					
25	33418GT	WASHER,FLAT,.625 X 2.25 X.15					
26	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8.....4					
27	49381GT	SCREW,HHC,M12 X 30					
28	102287GT	SEPARATOR-FUEL/WTR CUMIN B4.5.....1					
29	13000GT	SCREW,HHC,5/16-18 X 1.25					
30	6782GT	NUT,NYLOCK,5/16-18					
31	27584GT	SCREW,HHC,M12 X 35MM					
32	49410GT	WASHER,FLAT,M12					
33	8516GT	SCREW, HCC, 3/8-16 X 1.50					
34	102044PGT	BRACKET,ENGINE MOUNT,CUMMINS.....1					
35		FILTER ASY,M PRESS,SAE8,WOIND* (77139).....1 component no longer available					
--	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139					
35A	1267807GT	ASSY, MED. PRESS. FILTER, SAE8					
--	1268229GT	ELEMENT-5 MIC, PAPER, W/BYPASS for 1267807					

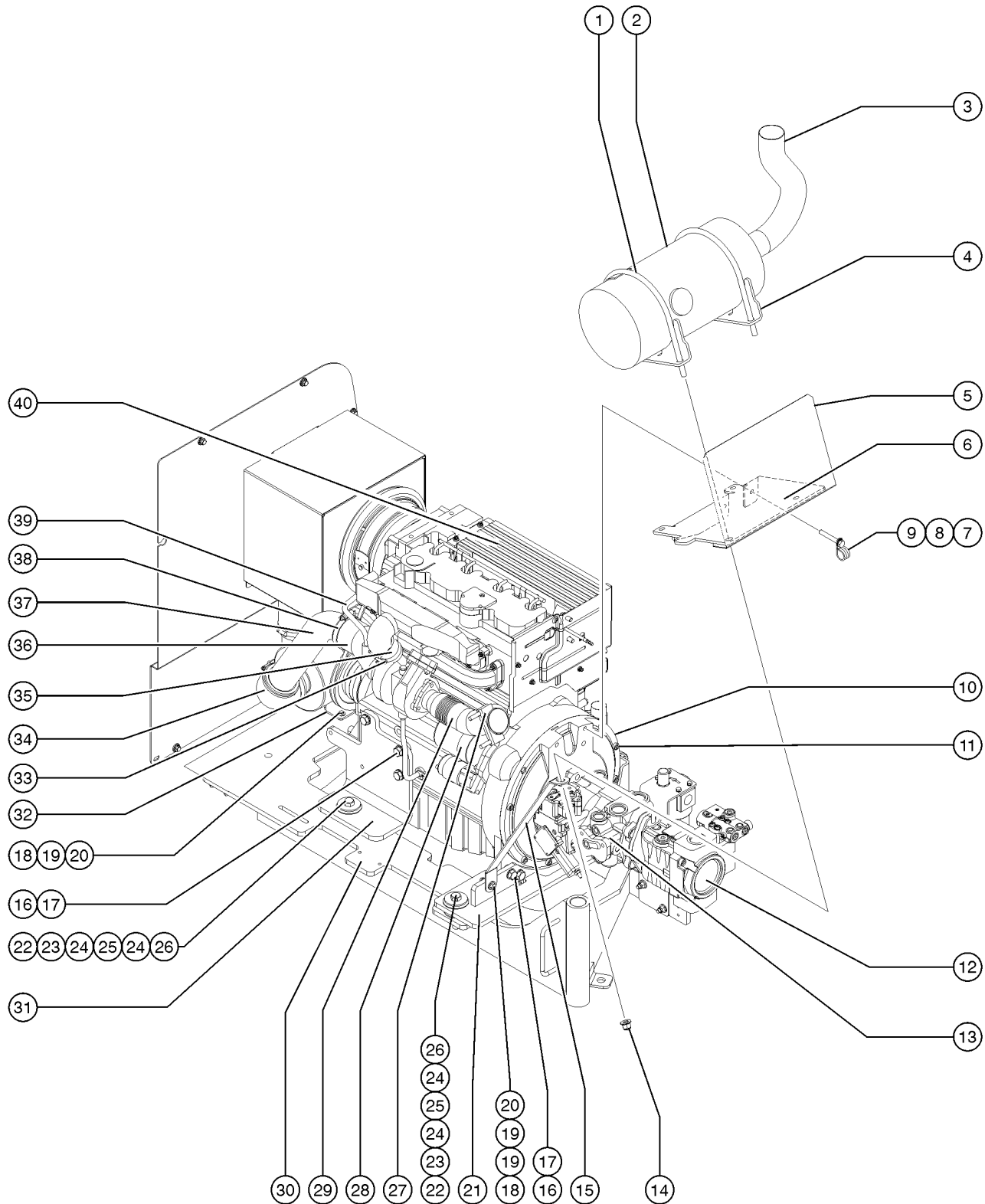
402.2 Cummins B3.3T Engine, View 2 (from SN 951)



402.2 Cummins B3.3T Engine, View 2 (from SN 951)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	13000GT	SCREW,HHC,5/16-18 X 1.25		--	1268229GT	ELEMENT-5 MIC, PAPER, W/BYPASS for 1267807	
2	6638GT	WASHER,FLAT,USS,1/4"Y		39	8914GT	SCREW,HHC,1/4-20 X .625	
3	6782GT	NUT,NYLOCK,5/16-18		40	6356GT	WASHER,LOCK,.25	
4	122402GT	ENGINE KIT, CUMMINS B3.3T.....1		41	102045GT	ISOLATOR,ENGINE VIBRATION	
5	146046GT	ALTERNATOR.....1		42	122409GT	FORMING,MOUNT,ENGINE,FRONT.....2	
6	146047GT	BELT.....1		43	122410GT	FORMING,MOUNT,ENGINE,REAR.....2	
7	122625GT	BRACKET, SUPPORT, EXH. CUM T3.....1		44	27584GT	SCREW,HHC,M12 X 35MM	
8	122424GT	BRACKET,CAC 2 TUBING MOUNT.....1		45	49410GT	WASHER,FLAT,M12	
9	122335GT	BRACKET, CAC INTAKE TUBE MOUNT.....1		46	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	
10	71911GT	CLAMP,MUFFLER, 2.50 INCH.....1		47	33418GT	WASHER,FLAT,.625 X 2.25 X .15	
11	122438GT	FAN, 19.0", BREEZA.....1		48	13004GT	SCREW,HHC,5/8-11 X 3 GRD.8	
12	65473GT	CAP,RADIATOR,PERKINS/FORD.....1		49	122708GT	OIL FILTER.....1	
13	122404GT	ASSY, RAD/CAC, CUMMINS B3.3T.....1		50	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8	
14	122413GT	BRACKET,INTAKE TUBE SUPPORT.....1		51	22699GT	WASHER,FLAT,M10,ZINC PLTD.	
15	122594GT	FORMING,BAFFLE BOX.....1		52	111639GT	FORMING,FUEL FILTER MOUNT.....1	
16	128505GT	FORMING,ENGINE BAFFLE.....1		53	122709GT	FUEL FILTER.....1	
17	8255GT	SCREW,HHC,3/8-16 X .75					
18	6097GT	WASHER,FLAT,USS,3/8",Y					
19	13002GT	SCREW,HHC,5/16-18 X 1 GR5					
20	5397GT	WASHER,FLAT,USS,5/16",Y					
21	122415GT	WELDMENT,RADIATOR MOUNT,CUM.....1					
22	8516GT	SCREW, HCC, 3/8-16 X 1.50					
23	6021GT	WASHER,LOCK,.375					
24	44714GT	WASHER,.375X1.25X.100					
25	75259GT	ISOLATOR,CENTER BONDED					
26	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5					
27	4828GT	NUT,NYLOCK,3/8-16					
28	50974GT	BUMPER,RUBBER,COVERS					
29	60729GT	FORMING,COVER STOP***					
30	122412GT	RADIATOR STRUT,RIGHT.....1					
31	6024GT	NUT,NYLOCK,5/8-11					
32	13064GT	WASHER,FLAT,.625 HARDENED					
33	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8					
34	7713GT	NUT, LP NYLOCK, 3/8-16					
35	122428GT	MOUNT,1"FLEX-BOLT SANDWICH.....1					
36	128314GT	WELDMENT, ENGINE TRAY.....1					
37	128525GT	BRCKT,MED.FILTER,TEST PORT.....1					
38		FILTER ASY,M PRESS,SAE8,WOIND* (77139).....1 component no longer available					
--	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139					
38A	1267807GT	ASSY, MED. PRESS. FILTER, SAE8					

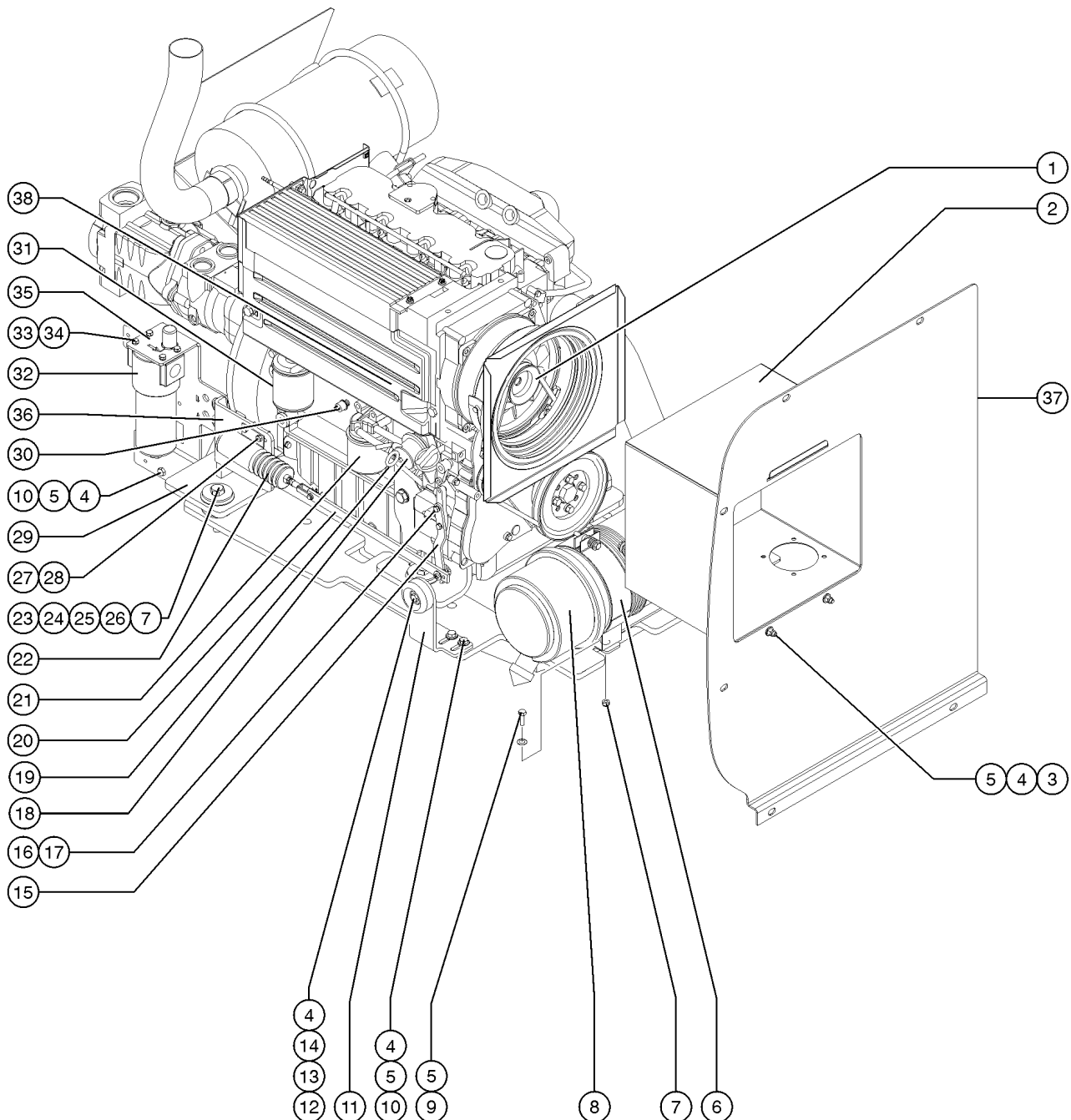
403.1 Deutz BF4L 2011 / TD2011L04i Engine, View 1



403.1 Deutz BF4L 2011 / TD2011L04i Engine, View 1

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	102581GT	PUMP,FUEL INJ,DEUTZ BF4L20 <i>class A injection pump; provide SN of engine to service to get correct injection pump (A, B, C, D)</i>		20	4828GT	NUT,NYLOCK,3/8-16	
--	T108732GT	PUMP,FUEL INJ,DEUTZ BF4L20 <i>class B injection pump; provide SN of engine to service to get correct injection pump (A, B, C, D)</i>		21	70440GT	WELDMENT,REAR ENGINE MOUNT.....1	
--	T108733GT	PUMP,FUEL INJ,DEUTZ BF4L20 <i>class C injection pump; provide SN of engine to service to get correct injection pump (A, B, C, D)</i>		22	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8	
--	T108734GT	PUMP,FUEL INJ,DEUTZ BF4L20 <i>class D injection pump; provide SN of engine to service to get correct injection pump (A, B, C, D)</i>		23	33418GT	WASHER,FLAT,.625 X 2.25 X.15	
1	70449GT	U-BOLT,1/2-13 X 8.5		24	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	
2	70444GT	MUFFLER,2.5"INLET/OUTLET.....1		25	102045GT	ISOLATOR,ENGINE VIBRATION.....2	
--	101634GT	MUFFLER,CATALYTIC,2.5 I/O		26	6024GT	NUT,NYLOCK,5/8-11	
3	70447GT	TAIL PIPE,DEUTZ.....1		27	71911GT	CLAMP,MUFFLER, 2.50 INCH	
--	71911GT	CLAMP,MUFFLER, 2.50 INCH		28	139709GT	STARTER, 12V	
4	70483GT	FORMING,8.5' MUFFLER MOUNT.....2		--	139621GT	KIT, HEAT GUARD, DEUTZ STARTER	
5	102237PGT	FORMING,HEAT SHIELD,MUFFLER.....1		29	70445GT	FLEX PIPE,EXHAUST,2.5" DIA.....1	
6	70448PGT	FORMING,MUFFLER MOUNT.....1		29B	139983GT	EXHAUST PIPE GASKET	
7	85053GT	SCREW,HHC,M10 X 1.5 X70,GR 8.8		29B	71911GT	CLAMP,MUFFLER, 2.50 INCH	
8	22699GT	WASHER,FLAT,M10,ZINC PLTD.		30	128314GT	WELDMENT, ENGINE TRAY	
9	60838GT	CLAMP,1.00,#16 X 7/16,RUB CUSH.....1		31	70438GT	FORMING,ENGINE MOUNT***.....1	
10	70381GT	COVER,FLYWHEEL CASTING.....1		32	102209PGT	FORMING,AIR CLEANER MOUNT PNTD.....1	
--	128004GT	COUPLER,15 TOOTH,FBA,SAE8*** <i>from SN 535</i>		33	102593GT	CLAMP, 3 INCH	
--	128023GT	KIT,FBA STYLE COUPLER,SAE8 <i>upgrade kit; replaces flex plate and coupler</i>		34	139455GT	ELBOW,AIR INTAKE,RUBBER.....1	
--	33024GT	FLYWHEEL FLANGE,GREEN PLASTIC.....1 <i>to SN 534</i>		35	226106GT	RUBBER SLEEVES, TD 2011L041	
--	37003GT	COUPLER,HUB,15 TOOTH 7/16BOLT*.....1 <i>to SN 534</i>		36	226103GT	INLET REDUCER,TD 2011L04I	
--	49388GT	SCREW,HHC,M10 X 1.5 X 16 TMZ <i>from SN 535</i>		37	102208GT	TUBE,AIR INTAKE,DEUTZ.....1	
11	61110GT	SCREW,SHC,M10X1.5X30 GR 12.9		38	30489GT	CLAMP,HOSE,3.50.....2	
12		Ref. Lift Pump (refer to 714.1)		39	226104GT	BREATHER PIPE, TD 2011L04I	
13		Ref. Drive Pump (refer to 714.1)		--	226105GT	GASKET,BREATHER PIPE (226104)	
14	66777GT	NUT, TOP LOCK, 1/2-13		40	161189GT	ENGINE,DEUTZ, TD2011L04i TPEN	
15	106280GT	BRACE,MUFFLER,DEUTZ***.....1					
16	22558GT	SCREW,HHC,M14 X 40MM,GR 8.8					
17	49411GT	WASHER,FLAT,M14					
18	8516GT	SCREW, HCC, 3/8-16 X 1.50					
19	5397GT	WASHER,FLAT,USS,5/16",Y					

404.1 Deutz BF4L 2011 / TD2011L04i Engine, View 2



404.1 Deutz BF4L 2011 / TD2011L04i Engine, View 2

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	139624GT	SWITCH, OIL PRESSURE 1.5 BAR.....1 (replaced 65765)		--	119344GT	KIT,PRIMER BULB	
--	139666GT	KIT,OP SWITCH,DEUTZ (oil pressure kit for models with ALC-500 control system. replaces 65765. includes item 139624 and instructions)		19	49922GT	DIPSTICK - DEUTZ F4L1011F to SN 777	
1	58249GT	ALTERNATOR, DEUTZ,BF4L2011***.....1		--	52352GT	DIPSTICK-F3L1011F (DEUTZ).....1 from SN 778	
--	102589GT	V-BELT, DEUTZ F4L2011 to SN 777		20	88512GT	THROTTLE LINK,DSL***.....1 to SN 891	
--	1280590GT	PULLEY,ALTERNATOR,DEUTZ BF4L2011 for 58249		--	139322GT	THROTTLE LINKAGE, DSL from SN 892	
--	1280591GT	SPACER,ALT PULLEY,DEUTZ BF4L2011 for 58249		21	108543GT	FILTER / FUEL / SPIN-ON.....1	
--	58630GT	V-BELT, DEUTZ TD2011LOAI from SN 778		--	58566GT	FILTER HEAD (29560) plastic	
2	102218PGT	WELDMENT,AIR BOX,DEUTZ PAINTED.....1 to SN 777		22	101957GT	SOLENOID,THROTTLE,ASSY.TROMB...1	
--	122266GT	WELDMENT, AIR BOX, DEUTZ from SN 778		--		Ref. Relay Module (refer to 303.1)	
3	6175GT	SCREW,HHC,3/8-16 X 1		--	60525GT	CONN,RECEP 4 WAY,12-14GA	
4	4828GT	NUT,NYLOCK,3/8-16		--	60526GT	LOCK,RECEP 4 WAY,12-14GA	
5	5397GT	WASHER,FLAT,USS,5/16",Y		--	60757GT	PLUG,SEAL,12-18 GA	
6	81468GT	MOUNTING BAND,AIR CLEANER.....1 includes hardware		--	73711GT	TERM,DEUTSCH, PIN #12-14	
7	6024GT	NUT,NYLOCK,5/8-11		--	89998GT	KIT,SERVICE,SOLENOID MODULE	
8	81467GT	AIR CLEANER,NELSON.....1		22A	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN includes clevis pin and cotter pin	
--	52866GT	EVACUATOR VALVE-AIR CLEANER for 81467		23	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8.....2	
--	62425GT	FILTER,AIR CLEANER, SUPERBOOM for 81467		24	33418GT	WASHER,FLAT,.625 X 2.25 X.15	
--	70515GT	KIT,PRECLEANER DEUTZ***		25	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	
--	75450GT	AIR CLEANER CLIPS, SUPERBOOM for 81467		26	102045GT	ISOLATOR,ENGINE VIBRATION.....2	
--	75451GT	AIR CLEANER COVER, SUPERBOOM* for 81467		27	6888GT	SCREW,HHC,1/4-20 X 1	
9	13002GT	SCREW,HHC,5/16-18 X 1 GR5.....2		28	6091GT	NUT,NYLOCK,1/4-20	
10	8516GT	SCREW, HCC, 3/8-16 X 1.50		29	70440GT	WELDMENT,REAR ENGINE MOUNT.....1	
11	60778-SGT	FORMING,COVER STOP.....1		30	111445GT	SENDING UNIT,OIL TEMP SWCH,DTZ.....1	
12	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5		--	58299GT	SENDING UNIT,OIL PRESS.,DEUTZ* not shown	
13	6097GT	WASHER,FLAT,USS,3/8",Y		31	49924GT	FILTER,OIL,DEUTZ F4L1011F.....1 Genie Genuine Part. See PN 1255653 for compatible aftermarket replacement.	
14	50974GT	BUMPER,RUBBER,COVERS.....3		--	1255653GT	FILTER,OIL,DEUTZ,REPLACEMENT.....1 Genie Aftermarket Part. Compatible with Genie Genuine Part 49924.	
15	70479PGT	FORMING,THROTTLE ARM PAINTED to SN 891		32		FILTER ASY,M PRESS,SAE8,WOIND* (77139).....1 component no longer available	
--	50787-SGT	LEVER, GOVERNOR ACTUATOR from SN 892		--	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139	
16	22578GT	SCREW,HHC,M6 X 20MM,GR8.8		32A	1267807GT	ASSY, MED. PRESS. FILTER, SAE8	
17	49407GT	WASHER,LOCK,M6		--	1268229GT	ELEMENT-5 MIC, PAPER, W/BYPASS for 1267807	
18	111668GT	PUMP,FUEL 2011 DEUTZ ***.....1		33	6090GT	SCREW,HHC,1/4-20 X .75	
				34	6356GT	WASHER,LOCK,.25	

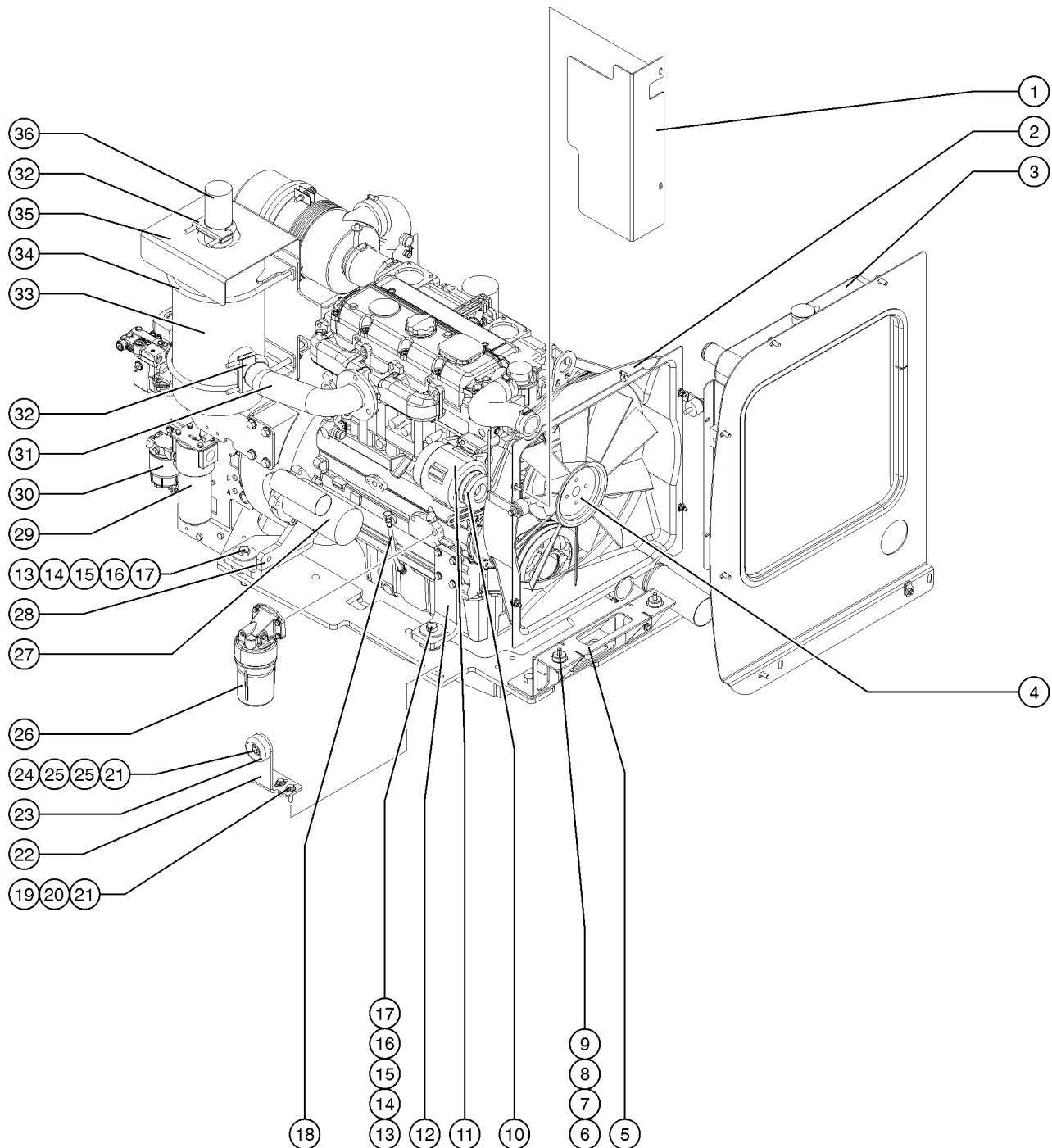
404.1 Deutz BF4L 2011 / TD2011L04i Engine, View 2 (continued)

Item	Part No.	Description	Qty.
35	128525GT	BRCKT,MED.FILTER,TEST PORT.....1	
36A	70478PGT	FORMING,SOLENOID MOUNT PAINTED to SN 891	
36B	139321GT	FORMING, SOLENOID MOUNT*** from SN 892	
37	70557PGT	BAFFLE,ENGINE AIR,PAINTED	
38	T114678GT	SHUTDOWN SOLENOID,12V, DEUTZ.....1 (includes o-ring)	
--	45782GT	DIODE,6 AMP,200 PIV,BULK	
--	58256GT	SOLENOID CABLE ASSY***	
--	72255GT	CONNECTOR, DEUTZ FUEL SHUTOFF* Does not include 45782 DIODE	

404.1 Deutz BF4L 2011 / TD2011L04i Engine, View 2
(continued)

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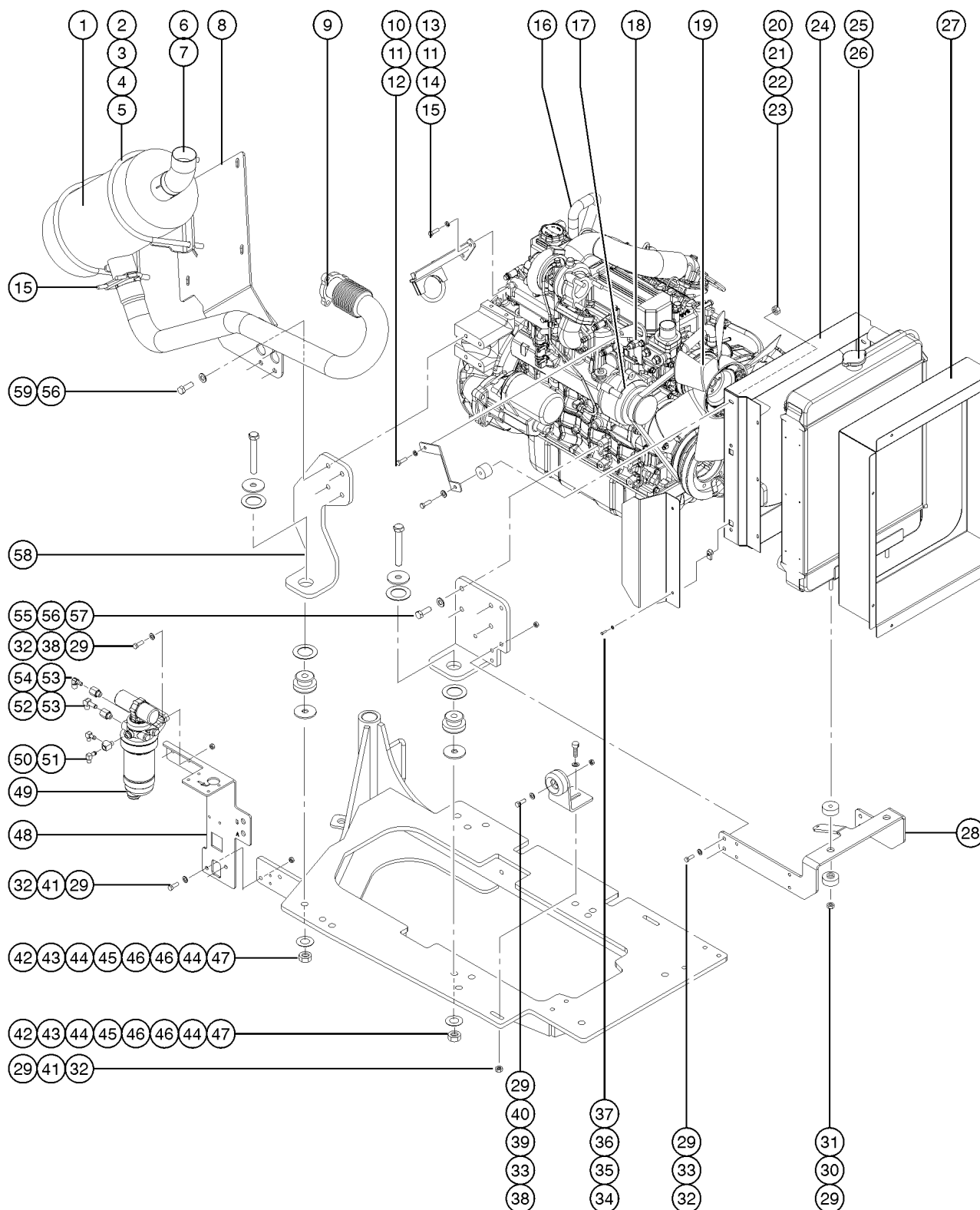
405.1 Perkins 1104C-44 Engine, View 1 (to SN 952)



405.1 Perkins 1104C-44 Engine, View 1 (to SN 952)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	70540GT	FAN GUARD,PERKINS.....	1	--	1268229GT	ELEMENT-5 MIC, PAPER, W/BYPASS for 1267807	
2	60649GT	SHROUD,FAN (FIBERGLASS).....	1				
3	70518GT	RADIATOR.....	1				
--	65473GT	CAP,RADIATOR,PERKINS/FORD					
4	75328GT	FAN,PULLER,PERKINS,1004-42.....	1				
5	75297GT	WELDMENT,RADIATOR MOUNT**.....	1				
6	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8.....	2				
7	6021GT	WASHER,LOCK, .375					
8	44714GT	WASHER, .375X1.25X.100					
9	75259GT	ISOLATOR,CENTER BONDED.....	2				
10	102598GT	BELT,V,(2) PERKINS 1104C-44.....	2				
11	102646GT	ALTERNATOR,PERKINS 1104C-44.....	1				
12	60564GT	BRACKET,ENG.MOUNT,FRT.PERKINS..	2				
13	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8.....	4				
14	33418GT	WASHER,FLAT,.625 X 2.25 X.15					
15	102045GT	ISOLATOR,ENGINE VIBRATION.....	4				
16	13064GT	WASHER,FLAT,.625 HARDENED					
17	6024GT	NUT,NYLOCK,5/8-11					
18	102631GT	DIPSTICK,PERKINS 1104C-44.....	1				
19	8516GT	SCREW, HCC, 3/8-16 X 1.50					
20	5397GT	WASHER,FLAT,USS,5/16",Y					
21	4828GT	NUT,NYLOCK,3/8-16					
22	60778-SGT	FORMING,COVER STOP.....	1				
23	50974GT	BUMPER,RUBBER,COVERS.....	1				
24	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5					
25	6097GT	WASHER,FLAT,USS,3/8",Y					
26	102632GT	FILTER,OIL,PERKINS 1104C-44.....	1				
27	226627GT	STARTER,ENG,PERK T3 6/8/10K.....	1				
28	101931PGT	MOUNT,PERKINS 1104 RH PAINTED....	2				
29		FILTER ASY,M PRESS,SAE8,WOIND* (77139).....	1				
		<i>component no longer available</i>					
--	60857GT	FILTER,ELEMENT,BETA(5)=1000 for 77139					
30	75020GT	SEPRTR/FLTR,FUEL DSL,15GPH,.30....	1				
--	62433GT	FILTER,ELEMENT,30 MIC,75020					
31	70553GT	WELDMENT,EXHAUST HEADER.....	1				
32	71911GT	CLAMP,MUFFLER, 2.50 INCH.....	2				
33	70444GT	MUFFLER,2.5"INLET/OUTLET.....	1				
--	101634GT	MUFFLER,CATALYTIC,2.5 I/O					
34	70449GT	U-BOLT,1/2-13 X 8.5.....	2				
35	70554GT	HEAT SHIELD,PERKINS MUFFLER.....	1				
36	94324GT	TUBE,RD,STL,ALUMIZD,2.5 X .065.....	1				
39A	1267807GT	ASSY, MED. PRESS. FILTER, SAE8					

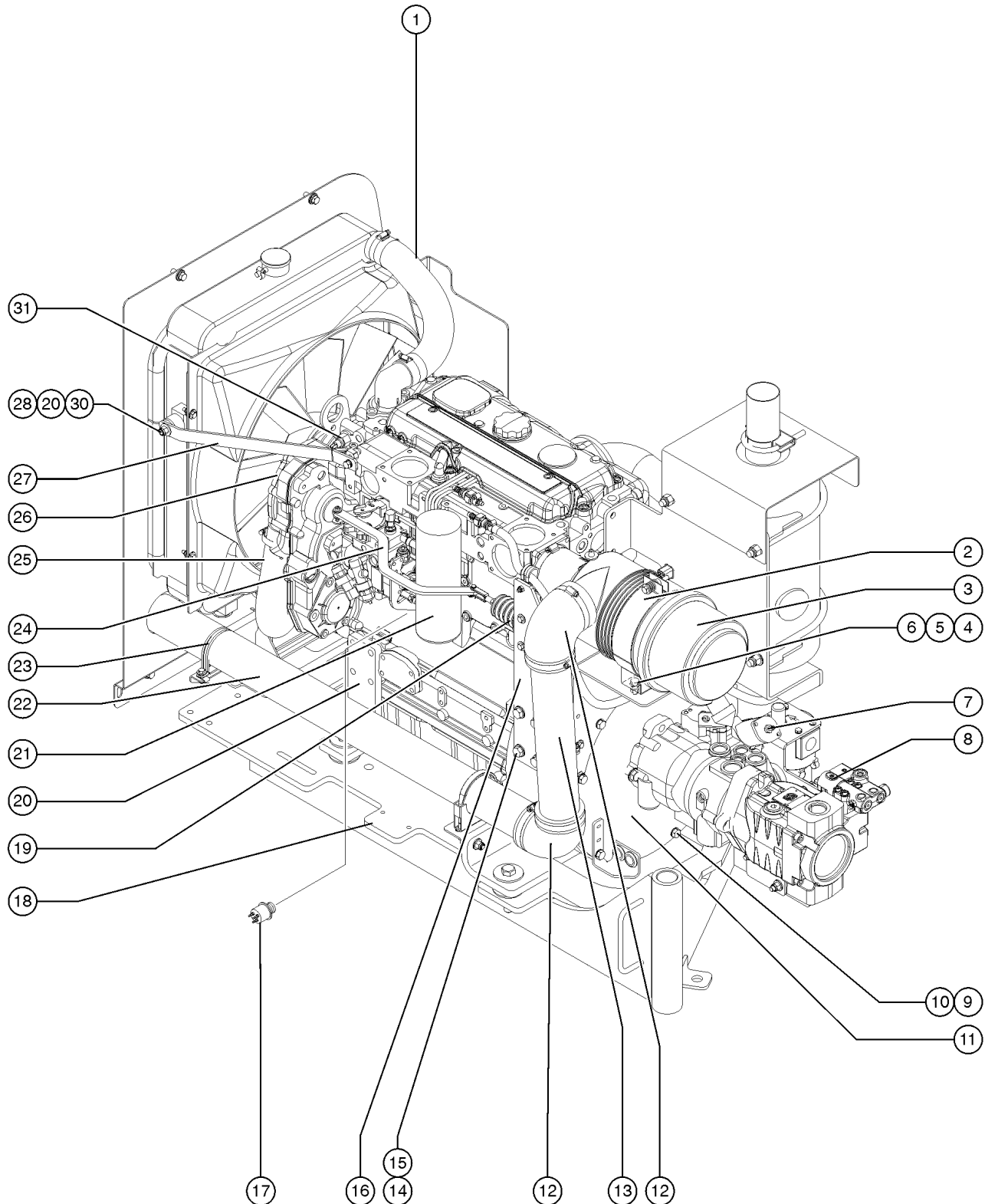
405.2 Perkins 804D-33T Engine, View 1 (from SN 953)



405.2 Perkins 804D-33T Engine, View 1 (from SN 953)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	128802GT	HARNESS, PERKINS ENGINE.....1		36	139066GT	FORMING, BELT GUARD	
1	70444GT	MUFFLER,2.5"INLET/OUTLET.....1		37	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG.....6	
2	70449GT	U-BOLT,1/2-13 X 8.5		38	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
3	70483GT	FORMING,8.5' MUFFLER MOUNT		39	50974GT	BUMPER,RUBBER,COVERS	
4	13066GT	WASHER,FLAT,.5 HARDENED		40	54363GT	BRACKET,RUBBER BUMPER,ENGCOVER	
5	66777GT	NUT,TOP LOCK,1/2-13		41	5397GT	WASHER,FLAT,USS,5/16",Y	
6	101619GT	PIPE, TAIL		42	6024GT	NUT,NYLOCK,5/8-11	
7	30438GT	CLAMP,MUFFLER,2 1/4" ID.		43	13064GT	WASHER,FLAT,.625 HARDENED	
8	128256GT	WELDMENT, MUFFLER SUPPORT.....1		44	33418GT	WASHER,FLAT,.625 X 2.25 X.15	
9	128198GT	WELDMENT, EXHAUST, 804T.....1		45	102045GT	ISOLATOR,ENGINE VIBRATION	
10	85064GT	SCREW,SHC,M8 X 1.25 X 16 MM		46	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	
11	49408GT	WASHER,LOCK,M8		47	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8	
12	106104GT	O-RING,SEAL RING,1" NPT (PKG OF 10)		48	128660GT	FORMING, FILTER SUPPORT.....1	
13	23057GT	SCREW,HHC,M8 X 20MM		49	101644GT	FUEL LIFT PUMP/FILTER ASSY.....1	
14	128280GT	WELDMENT, EXHAUST SUPPORT.....1		50	38922GT	ELBOW,90DEG.1/8MPT-5/16 BARB	
15	71911GT	CLAMP,MUFFLER, 2.50 INCH		51	41468GT	TEE,BRASS STREET,.12 NPT	
16	128661GT	HOSE, CRANKCASE BREATHER.....1		52	31817GT	ELBOW,90DEG.1/4MPT-3/8 BARB	
17	146048GT	ALTERNATOR		53	101628GT	ADAPTER,1/4 FNPT X 1/2-20 UNF	
18A	128638GT	SENSOR, TEMP. SENDER, M16X1.5.....1		54	54205GT	HOSE END,BARB,1/4 MNPTX5/16,90	
--	128801GT	O-RING, M16, ISO		55	49381GT	SCREW,HHC,M12 X 30	
--	128858GT	WASHER, RETAINING, M16		56	49410GT	WASHER,FLAT,M12	
18B	1281249GT	SWITCH,COLD START ADVANCE WATER SENSOR.....1		57	128243GT	WELDMENT, ENGINE MNT, RF.....1	
19	75328GT	FAN,PULLER,PERKINS,1004-42.....1		58	128242GT	ENGINE MOUNT, RR.....1	
20	22571GT	NUT,HEX,M8 X 1.25		59	27584GT	SCREW,HHC,M12 X 35MM	
21	60585GT	ISOLATOR,VIBRATION,M8 MALE/FEM					
22	33277GT	WASHER,FLAT,M8,YELLOW ZINC					
23	101629GT	SCREW,HHC,M8 X 10MM					
24	101603PGT	SHROUD,FAN,PERKINS PAINTED.....1					
24A	101604PGT	BRACKET,FAN SHROUD,RH,PAINTED.....1 <i>refer to 406.2 for left bracket</i>					
25	65473GT	CAP,RADIATOR,PERKINS/FORD.....1					
26	110304GT	RADIATOR,FORD/PERKINS***.....1					
27	128247GT	FORMING, FAN BAFFLE.....1					
28	101606PGT	BRACKET,RADIATOR SUPPORT PNTD.....1					
29	4828GT	NUT,NYLOCK,3/8-16					
30	24038GT	SHOCK MOUNT,SMALL					
31	24037GT	SHOCK MOUNT,LARGE**					
32	8516GT	SCREW, HCC, 3/8-16 X 1.50					
33	6097GT	WASHER,FLAT,USS,3/8",Y					
34	6090GT	SCREW,HHC,1/4-20 X .75					
35	6146GT	WASHER,FLAT,MS,#10,Y					

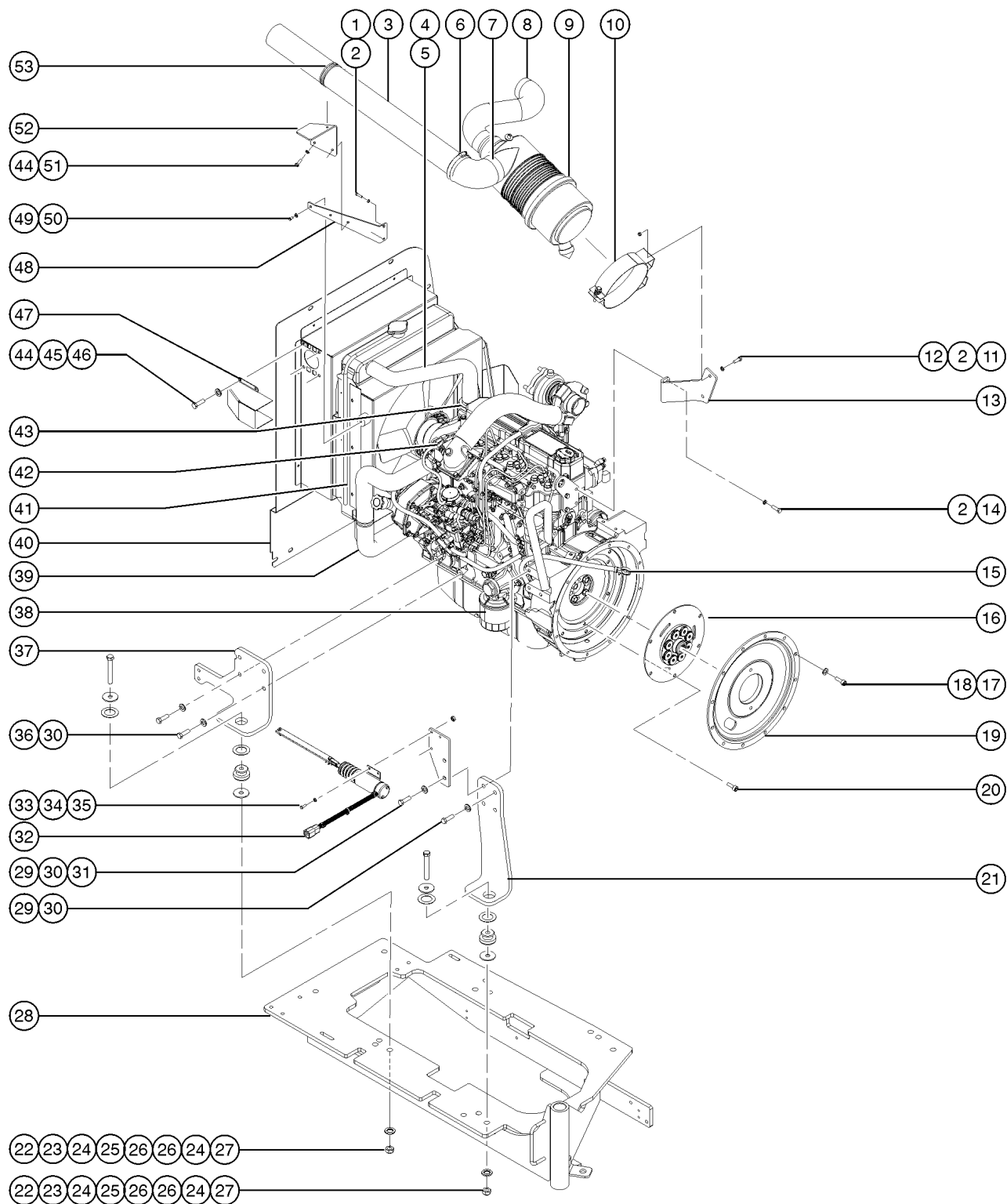
406.1 Perkins 1104C-44 Engine, View 2 (to SN 952)



406.1 Perkins 1104C-44 Engine, View 2 (to SN 952)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	102638GT	ADAPTER-FUEL FILTER, PERK 1104		27	101655PGT	BRACKET,RADIATOR SUPP,LH PAINT.....	2
1	60576GT	RADIATOR HOSE,UPPER-PERKINS.....	1	28	75260GT	ISOLATOR,FLEX-BOLT SANDWICH***.....	2
2	81468GT	MOUNTING BAND,AIR CLEANER.....	1	29	6097GT	WASHER,FLAT,USS,3/8",Y	
3	81467GT	AIR CLEANER,NELSON.....	1	30	4828GT	NUT,NYLOCK,3/8-16	
--	52866GT	EVACUATOR VALVE-AIR CLEANER for 81467		31	34058GT	SENDING UNIT,TMP,FRD,GM,PRK704.....	1
--	62425GT	FILTER,AIR CLEANER, SUPERBOOM for 81467					
--	75450GT	AIR CLEANER CLIPS, SUPERBOOM for 81467					
--	75451GT	AIR CLEANER COVER, SUPERBOOM* for 81467					
--	98012GT	OPTION,PRECLEANER PERKINS					
4	29883GT	SCREW,HHC,5/8-11 X 1.75 GRD.8.....	2				
5	13064GT	WASHER,FLAT,.625 HARDENED.....	2				
6	6024GT	NUT,NYLOCK,5/8-11					
7		Ref. Drive Pump (refer to 714.1)					
8		Ref. Lift Pump (refer to 714.1)					
9	44064GT	SCREW,HHC,M10 X 30MM,					
10	22699GT	WASHER,FLAT,M10,ZINC PLTD.					
11	60322-SGT	PLATE,PUMP MOUNT.....	1				
12	60561GT	ELBOW,INLET,CUMMINS.....	2				
13	81738GT	TUBE,RD,STL 3 X 18GA ALUMINIZD.....	1				
14	49381GT	SCREW,HHC,M12 X 30					
15	49410GT	WASHER,FLAT,M12					
16	101217PGT	PLATE,THROTTLE ACTUATOR MOUNT.....	1				
17	102348GT	SENDING UNIT,OIL PRESS PERKINS...	1				
18	89511GT	WELDMENT,ENGINE TRAY.....	1				
19	101957GT	SOLENOID,THROTTLE,ASSY.TROMB...	1				
--		Ref. Relay Module (refer to 303.1)					
--	60525GT	CONN,RECEP 4 WAY,12-14GA					
--	60526GT	LOCK,RECEP 4 WAY,12-14GA					
--	60757GT	PLUG,SEAL,12-18 GA					
--	73711GT	TERM,DEUTSCH, PIN #12-14					
--	89998GT	KIT,SERVICE,SOLENOID MODULE					
20	60564GT	BRACKET,ENG.MOUNT,FRT.PERKINS..	1				
21	102639GT	FILTER,FUEL, PERKINS 1104C.....	1				
22	81738GT	TUBE,RD,STL 3 X 18GA ALUMINIZD.....	1				
23	70257GT	CLAMP,3.0,#48 X 1/4,RUB CUSH.....	2				
24	101219GT	THROTTLE LINKAGE,PERKINS 1104C.....	1				
25	75555GT	RADIATOR HOSE,LOWER-PERKINS.....	1				
26	102643GT	PUMP, WATER,PERKINS 1104C-44.....	1				
--	102644GT	GASKET-PUMP WATE,PERK 1104C-44					

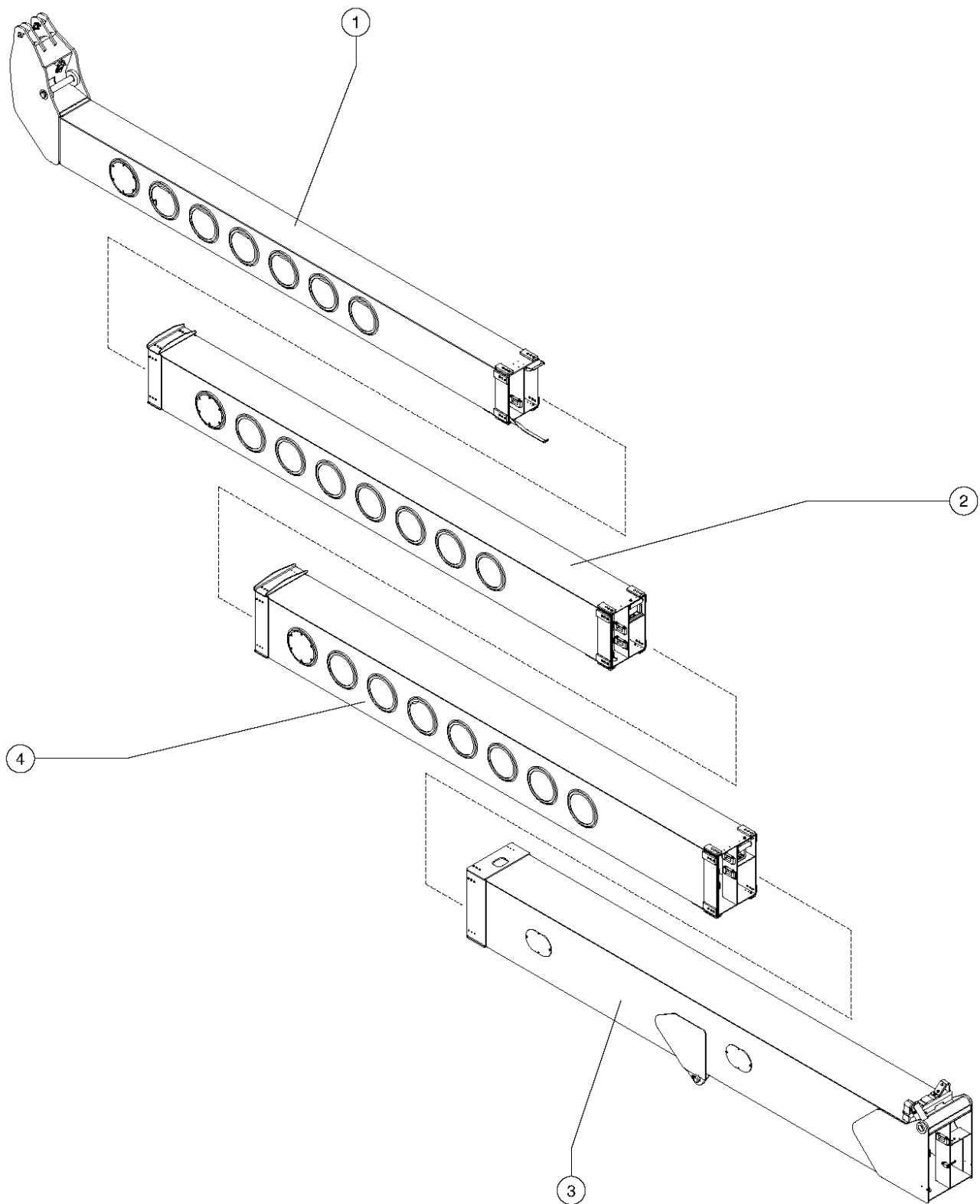
406.2 Perkins 804D-33T Engine, View 2 (from SN 953)



406.2 Perkins 804D-33T Engine, View 2 (from SN 953)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	23057GT	SCREW,HHC,M8 X 20MM		--	6578GT	CABLE TIE,7 3/8"	
2	49408GT	WASHER,LOCK,M8		--	73711GT	TERM,DEUTSCH, PIN #12-14	
3	81738-3300GT	TUBE,RD,STL 3 X 18GA ALUMINIZD.....1		--	89998GT	KIT,SERVICE,SOLENOID MODULE	
4	101601GT	HOSE,RADIATOR,UPPER,PERKINS.....1		32A	128555GT	THROTTLE, LINKAGE.....1	
5	35434GT	CLAMP,HOSE,2.00***		32A	21130GT	CLEVIS YOKE-1/4-28,PLTD W/PIN	
6	30489GT	CLAMP,HOSE,3.50		33	6090GT	SCREW,HHC,1/4-20 X .75	
7	60561GT	ELBOW,INLET,CUMMINS.....1		34	6638GT	WASHER,FLAT,USS,1/4"Y	
8	128207GT	HOSE, AIR INTAKE, 804T.....1		35	6091GT	NUT,NYLOCK,1/4-20	
9	81467GT	AIR CLEANER,NELSON.....1		36	27584GT	SCREW,HHC,M12 X 35MM	
--	52866GT	EVACUATOR VALVE-AIR CLEANER for 81467		37	128245GT	ENGINE MOUNT, LF.....1	
--	62425GT	FILTER,AIR CLEANER, SUPERBOOM for 81467		38	101613GT	ELEMENT,OIL FILTER,PERKINS***.....1	
--	75450GT	AIR CLEANER CLIPS, SUPERBOOM for 81467		39	101602GT	HOSE,RADIATOR,LOWER,PERKINS.....1	
--	75451GT	AIR CLEANER COVER, SUPERBOOM* for 81467		40	128250GT	FORMING, ENGINE BAFFLE.....1	
10	81468GT	MOUNTING BAND,AIR CLEANER.....1		41	106226-4000GT	TUBING, VINYL, 1/2" CLEAR.....1	
11	49378GT	SCREW,HHC,M8 X 16		42	226060GT	PUMP,WATER,PERKINS 804D-33T	
12	6091GT	NUT,NYLOCK,1/4-20		--	226061GT	GASKET-PUMP WATE,PERK 804D-33T	
13	128248GT	FORMING, FILTER SUPPORT.....1		43	226127GT	THERMOSTAT, 180 DEG.F	
14	49379GT	SCREW,HHC,M8 X 1.25 X 25		--	226128GT	GASKET, (226127)	
15	128424GT	ASSEMBLY, DIPSTICK TUBE.....1		44	6888GT	SCREW,HHC,1/4-20 X 1	
16	128004GT	COUPLER,15 TOOTH,FBA,SAE8***.....1		45	6356GT	WASHER,LOCK,.25	
17	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8		46	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
18	22699GT	WASHER,FLAT,M10,ZINC PLTD.		47	128249GT	FORMING, INTAKE DUCT.....1	
19	61781GT	CASTING,SAE 4 PUMP MOUNT,MACHI.....1		48	128246GT	BRACKET, FAN SHROUD, LH.....1 refer to 405.2 for right bracket	
20	62476GT	SCREW,SHC,M10X1.5X20MM (75090)		49	101629GT	SCREW,HHC,M8 X 10MM	
21	128244GT	ENGINE MOUNT, LR.....1		50	33277GT	WASHER,FLAT,M8,YELLOW ZINC	
22	6024GT	NUT,NYLOCK,5/8-11		51	6638GT	WASHER,FLAT,USS,1/4"Y	
23	13064GT	WASHER,FLAT,.625 HARDENED		52	128421GT	FORMING, INTAKE TUBE MNT.....1	
24	33418GT	WASHER,FLAT,.625 X 2.25 X.15		53	70257GT	CLAMP,3.0,#48 X 1/4,RUB CUSH	
25	102045GT	ISOLATOR,ENGINE VIBRATION					
26	18596GT	WASHER,FLAT,1.56 X 2.5 X .061					
27	13003GT	SCREW,HHC,5/8-11 X 3.5 GRD.8					
28	128314GT	WELDMENT, ENGINE TRAY.....1					
29	60868GT	SCREW,HHC,M12 X 45					
30	49410GT	WASHER,FLAT,M12					
31	128554GT	PLATE, SOLENOID MOUNT.....1					
32	101957GT	SOLENOID,THROTTLE,ASSY.TROMB...1					
--	53471GT	WIRE LOOM,3/8 NYLON,HI TEMP					
--	60525GT	CONN,RECEP 4 WAY,12-14GA					
--	60526GT	LOCK,RECEP 4 WAY,12-14GA					
--	60757GT	PLUG,SEAL,12-18 GA					

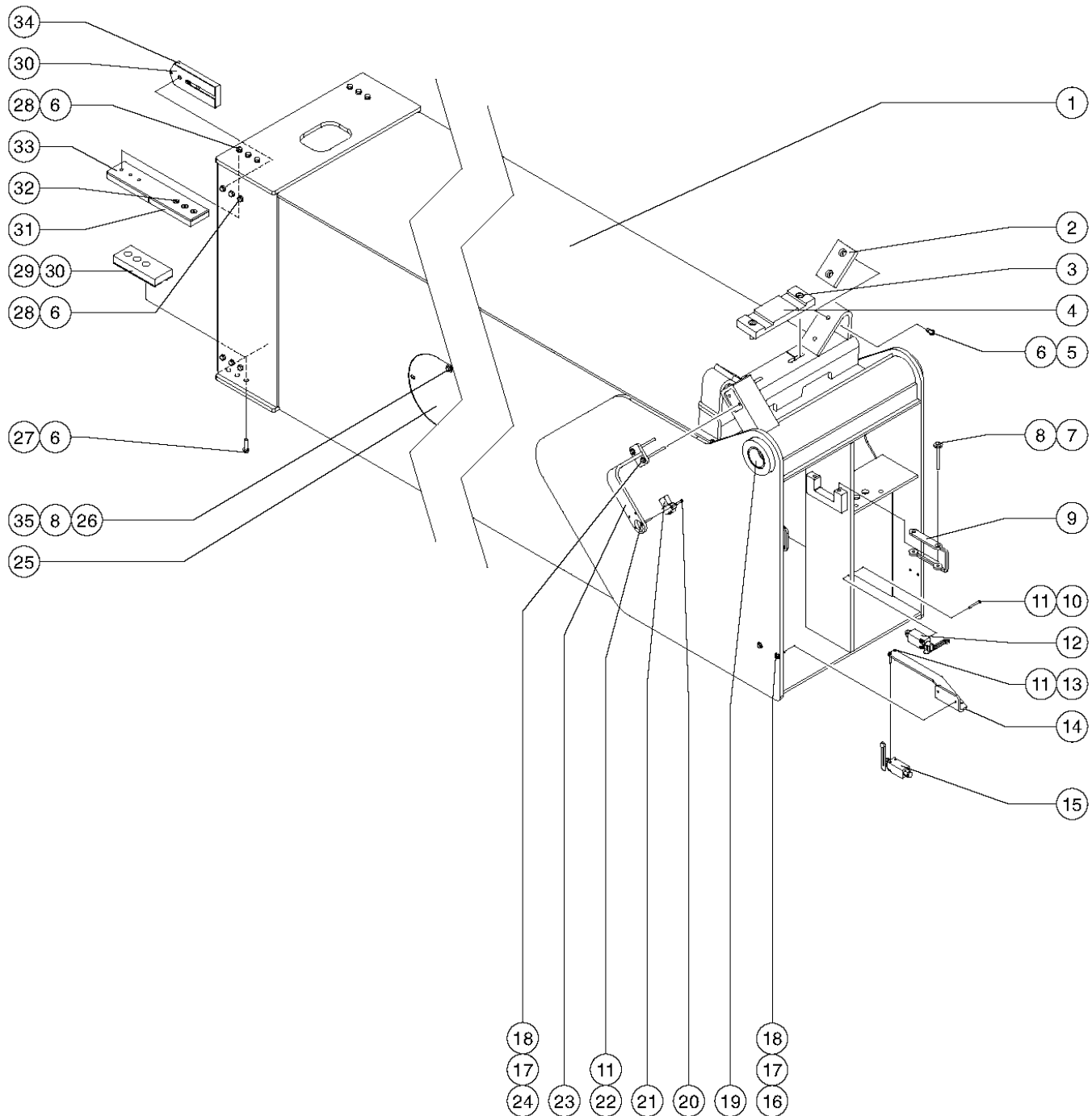
501.1 Secondary Boom Tube Reference



501.1 Secondary Boom Tube Reference

Item	Part No.	Description	Qty.
1	227780GT	ASSY,RISER BOOM #4 <i>to SN 161; REFER TO SECTION 505.1</i>	
--	119849GT	ASSEMBLY,RISER BOOM #4*** <i>from SN 162; REFER TO SECTION 505.1</i>	
2	61821GT	WELDMENT,RISER BOOM #3 <i>to SN 161; REFER TO SECTION 504.1</i>	
--	107851GT	WELDMENT,RISE BOOM #3*** <i>from SN 162; REFER TO SECTION 504.1</i>	
3	119848GT	ASSEMBLY,RISER BOOM #1*** <i>REFER TO SECTION 502.1</i>	
4	94601GT	WELDMENT,RISER BOOM #2 <i>to SN 161; REFER TO SECTION 503.1</i>	
--	107850GT	WELDMENT,RISER BOOM #2*** <i>from SN 162; REFER TO SECTION 503.1</i>	

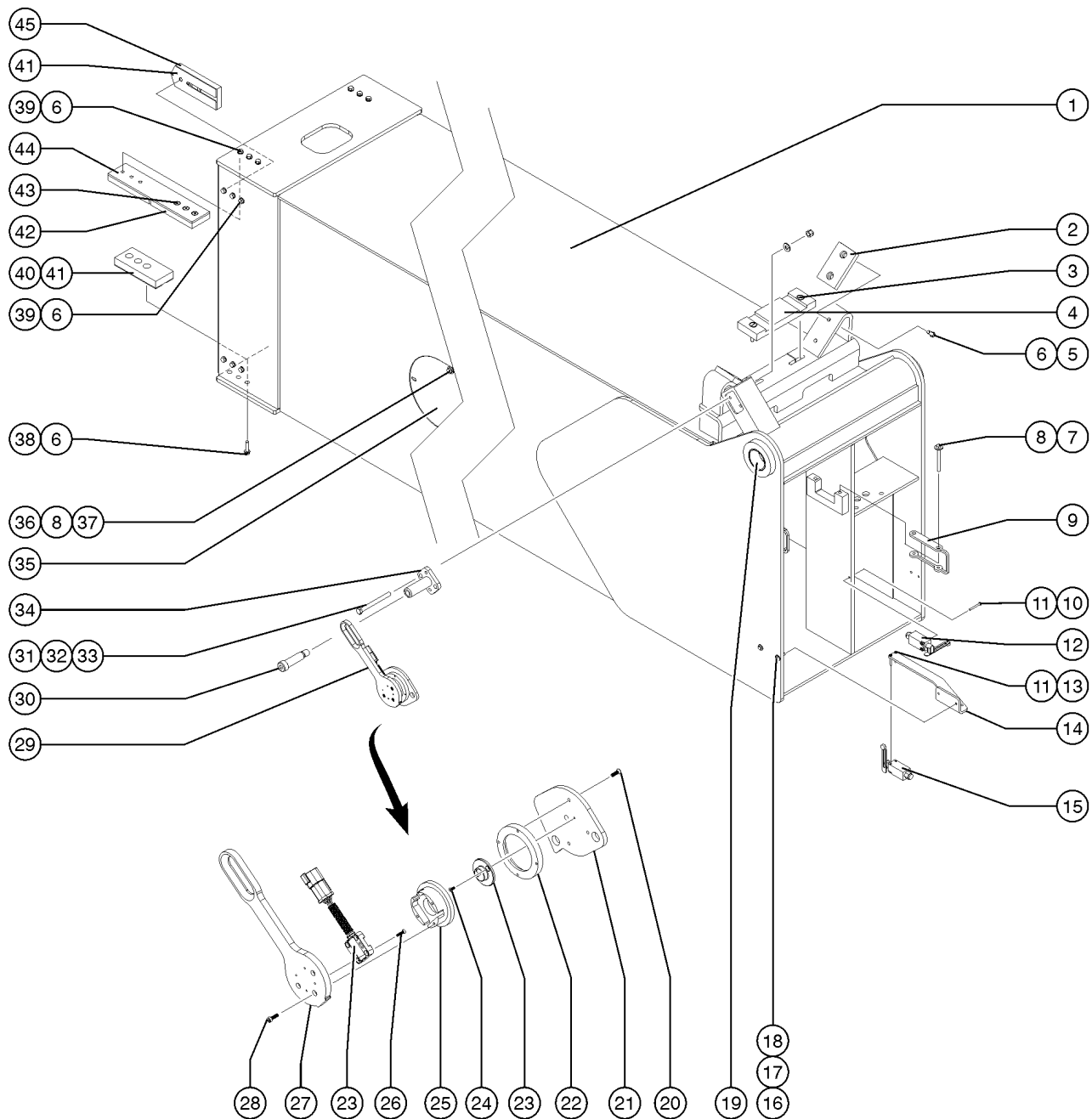
502.1 Secondary Boom Tube 1 (to SN 1853)



502.1 Secondary Boom Tube 1 (to SN 1853)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	119848GT	ASSEMBLY, RISER BOOM #1***.....1 <i>includes item 19</i>	1	21		Ref. SENSOR, DUAL OUTPUT, ANGLE...1 <i>(calibration required after replacement). Older sensor part 94980 is no longer available. For first time replacement, order kit 217238 or 824587 (refer to 502.2)</i>	1
2	34124GT	WEAR PAD, 5 X 3 X .625 W/NUTS.....2	2	--	217238GT	KIT, Z135 SECONDARY ANGLE SEN. <i>from SN 652 (including SN 640 and 650)</i>	
3	35714GT	SCREW, FHS, 3/8-16 X 2.25		--	824587GT	KIT, Z135 SECONDARY ANGLE SEN <i>to SN 651 (excluding SN 640 and 650)</i>	
4	106810GT	REST PAD, RISER #1.....1	1	22	22541GT	SCREW, RHM, 10-32 X 1.5	
5	6175GT	SCREW, HHC, 3/8-16 X 1		23	101708GT	MACH, RISER ROTARY SENSOR BRKT.....1 <i>to SN 639</i>	1
6	6021GT	WASHER, LOCK, .375		--	101708GT	MACH, RISER ROTARY SENSOR BRKT SN 651	
7	6605GT	SCREW, HHC, 3/8-16 X 3.5, GR5		--	128357GT	MACH, RISER ROTARY SENSOR BRKT <i>from SN 652</i>	
8	6097GT	WASHER, FLAT, USS, 3/8", Y		24	50160GT	SCREW, HHC, 1/4-20 X 3.75 <i>to SN 639</i>	
9	106281PGT	BRACKET, RISER CYL MOUNT PAINTD.....2	2	--	50160GT	SCREW, HHC, 1/4-20 X 3.75 SN 651	
10	49775GT	SCREW, PHILLIPS, PHM, 10-32 X 1.75		--	5387GT	SCREW, HHC, 3/8-16 X 4 SN 640	
11	6178GT	NUT, NYLOCK, 10-32		--	60177GT	COVER, BOOM SIDE***.....4	4
12	110909GT	SWITCH ASSY, LIMIT LSS1RO.....1	1	26	101718GT	BOLT, CARRIAGE, 3/8-16 X .75, G2	
--	110771-6443GT	SWITCH, LIMIT W/ROLLER NO/NO		27	8516GT	SCREW, HCC, 3/8-16 X 1.50	
--	119067GT	CONN, RECEP 4 WAY ENDCAP DT		28	6019GT	SCREW, HHC, 3/8-16 X 1.25 GRD 5	
--	43960GT	WIRE CABLE, 16/4 CON. TPE JKT.....76-inches		29	88022GT	WEAR PAD, 7 X 3 X 1 W/NUTS.....2	2
--	60443GT	LOCK, RECEP 4 WAY, 14-18GA		30	60304GT	SHIM, WEAR PAD, 7 X 3, 12GA.....as-needed	
--	73713GT	TERM, NI PIN, S&F, 16-18GA, REEL		31	106796GT	WEAR PAD, 7 X 3 X 0.5 W/INSERT.....8	8
13	51063GT	SCREW, PHILLIPS, RHM, 10-32 X 1.5		32	107661GT	SCREW, FHS, 3/8-16 X .625, ZINC	
14	119247PGT	BRACKET, RISER EXT L/S, PTD.....1 <i>Units before SN 333 must also purchase part 119248P for first time replacement (refer to 505.1)</i>	1	33	107503GT	PLATE, WEARPAD MOUNT.....2	2
15	110910GT	SWITCH ASSY, LIMIT LSS1RS.....1	1	34	50245GT	WEAR PAD, 7 X 3 X .75 W/NUTS.....4	4
--	110771-4443GT	SWITCH, LIMIT W/ROLLER NO/NC		35	7713GT	NUT, LP NYLOCK, 3/8-16	
--	119762GT	CONN PLUG 4 WAY EXTEND DT					
--	43960GT	WIRE CABLE, 16/4 CON. TPE JKT.....88-inches					
--	60429GT	LOCK, PLUG 4 WAY, 14-18GA					
--	73714GT	TERM, NI SOC, S&F, 16-18GA, REEL					
16	8915GT	SCREW, HHC, 1/4-20 X 1.25					
17	6638GT	WASHER, FLAT, USS, 1/4"Y <i>to SN 639</i>					
--	6097GT	WASHER, FLAT, USS, 3/8", Y SN 640					
--	6638GT	WASHER, FLAT, USS, 1/4"Y <i>from SN 641 to 649</i>					
18	6091GT	NUT, NYLOCK, 1/4-20 <i>to SN 639</i>					
--	4828GT	NUT, NYLOCK, 3/8-16 SN 640					
--	6091GT	NUT, NYLOCK, 1/4-20 SN 651					
19	27697GT	BEARING, 2.50ID X 2.75OD X 1.50L.....2	2				
20	101599GT	KEY, BALL POINT HEX.....1	1				

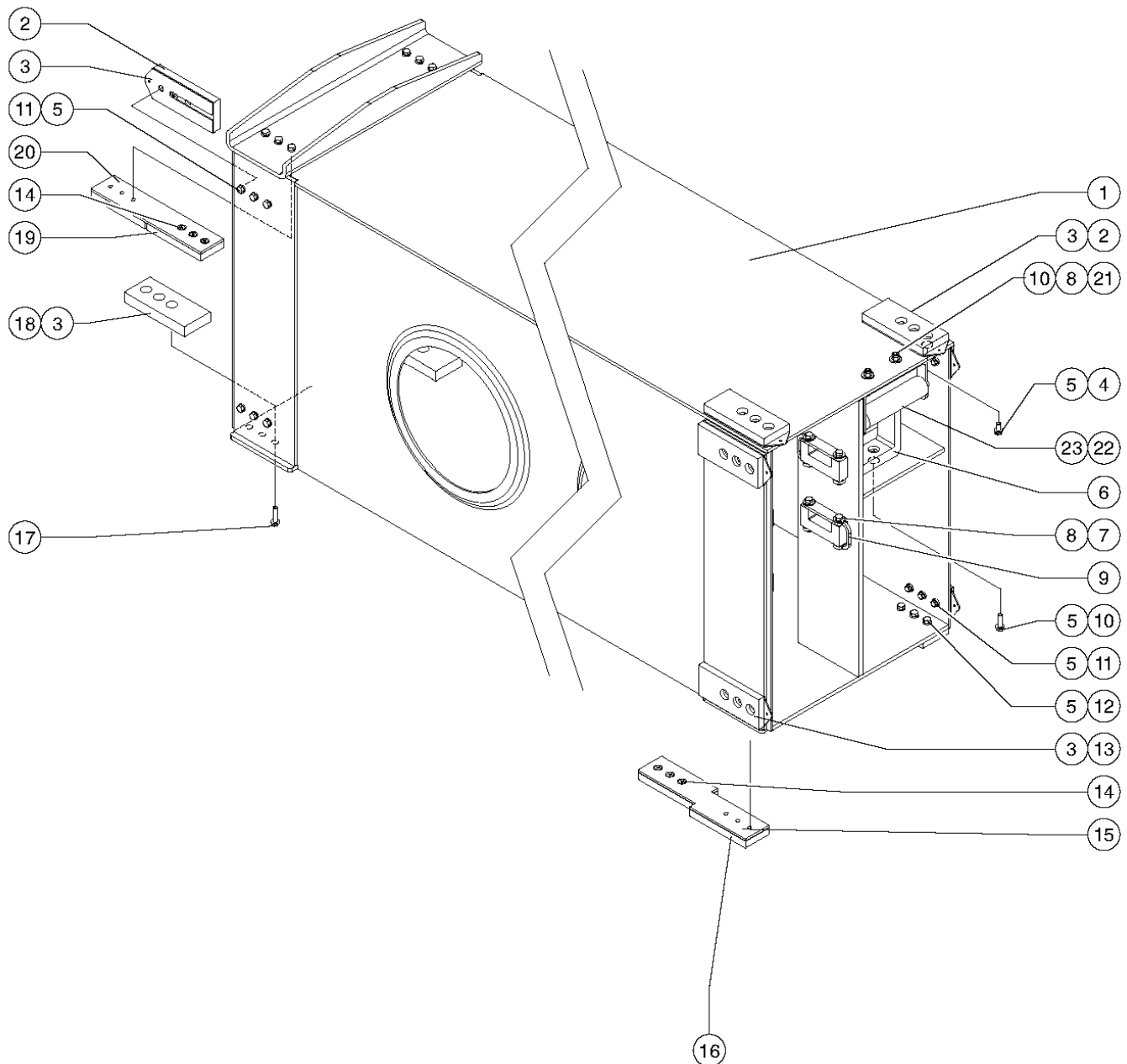
502.2 Secondary Boom Tube 1 (from SN 1854)



502.2 Secondary Boom Tube 1 (from SN 1854)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	119848GT	ASSEMBLY,RISER BOOM #1***.....1	1	29	217224GT	ASSY,ANGLE SEN.,Z135 SECONDARY (Complete) Includes items 20 to 28; calibration required after replacement, (included in kits 217238 and 824587, refer to 502.1)	
2	34124GT	WEAR PAD,5 X 3 X .625 W/NUTS.....2	2	30	217236GT	SCREW,SHS,3/4X2.25X5/8-11,ZAG	
3	35714GT	SCREW,FHS,3/8-16 X 2.25		31	5387GT	SCREW,HHC,3/8-16 X 4	
4	106810GT	REST PAD,RISER #1.....1	1	32	5397GT	WASHER,FLAT,USS,5/16",Y	
5	6175GT	SCREW,HHC,3/8-16 X 1		33	4828GT	NUT,NYLOCK,3/8-16	
6	6021GT	WASHER,LOCK,.,375		34	233117GT	WLDT, SENSOR ROTATOR #1	
7	6605GT	SCREW,HHC,3/8-16 X 3.5,GR5		35	60177GT	COVER,BOOM SIDE***.....4	4
8	6097GT	WASHER,FLAT,USS,3/8",Y		36	7713GT	NUT, LP NYLOCK, 3/8-16	
9	106281PGT	BRACKET,RISER CYL MOUNT PAINTD.....2	2	37	101718GT	BOLT,CARRIAGE,3/8-16 X .75,G2	
10	49775GT	SCREW,PHILLIPS,PHM,10-32X 1.75		38	8516GT	SCREW, HCC, 3/8-16 X 1.50	
11	6178GT	NUT,NYLOCK,10-32		39	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
12	110909GT	SWITCH ASSY,LIMIT LSS1RO.....1	1	40	88022GT	WEAR PAD,7 X 3 X 1 W/NUTS.....2	2
--	11077164463GT	SWITCH,LIMIT W/ROLLER NO/NO		41	60304GT	SHIM,WEAR PAD,7 X 3,12GA	
--	119067GT	CONN,RECEP 4 WAY ENDCAP DT		42	106796GT	WEAR PAD,7 X 3 X 0.5 W/INSERT.....8	8
--	43960GT	WIRE CABLE,16/4 CON.TPE JKT.....76	76	43	107661GT	SCREW,FHS,3/8-16 X .625,ZINC	
--	60443GT	LOCK,RECEP 4 WAY,14-18GA		44	107503GT	PLATE,WEARPAD MOUNT.....2	2
--	73713GT	TERM,NI PIN,S&F,16-18GA,REEL		45	50245GT	WEAR PAD,7 X 3 X .75 W/NUTS.....4	4
13	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5					
14	119247PGT	BRACKET, RISER EXT L/S, PTD.....1	1				
15	110910GT	SWITCH ASSY,LIMIT LSS1RS.....1	1				
--	11077144463GT	SWITCH,LIMIT W/ROLLER NO/NC					
--	119762GT	CONN PLUG 4 WAY EXTEND DT					
--	43960GT	WIRE CABLE,16/4 CON.TPE JKT.....88	88				
--	60429GT	LOCK,PLUG 4 WAY,14-18GA					
--	73714GT	TERM,NI SOC,S&F,16-18GA,REEL					
16	8915GT	SCREW,HHC,1/4-20 X 1.25					
17	6097GT	WASHER,FLAT,USS,3/8",Y					
18	6091GT	NUT,NYLOCK,1/4-20					
19	27697GT	BEARING,2.50IDX2.75ODX1.50L.....2	2				
20	217217GT	SCREW,FHSCS,M4-0.7X14 CL10.9					
21	226493GT	MACHINED, SECONDARY SEN. BASE					
22	226491GT	MACHINED, ANGLE SENSOR RACE					
23	216061GT	SENSOR, ANGLE, 180 DEG, CW Sensor and magnet are matched and must be replaced at the same time. Machine calibration is required after installation.					
24	237242GT	SCREW,FHS,M3-0.5X8,DIN7991,10.9,ZAB					
25	226492GT	MACHINED, ANGLE SENSOR HOLDER					
26	237241GT	SCREW,FHS,M3-0.5X14,DIN7991,10.9,ZAB					
27	233116GT	MACHINED, SENSOR ARM					
28	217219GT	SCREW,SHC,M4-0.7X14 DIN912,12.9,ZAB					

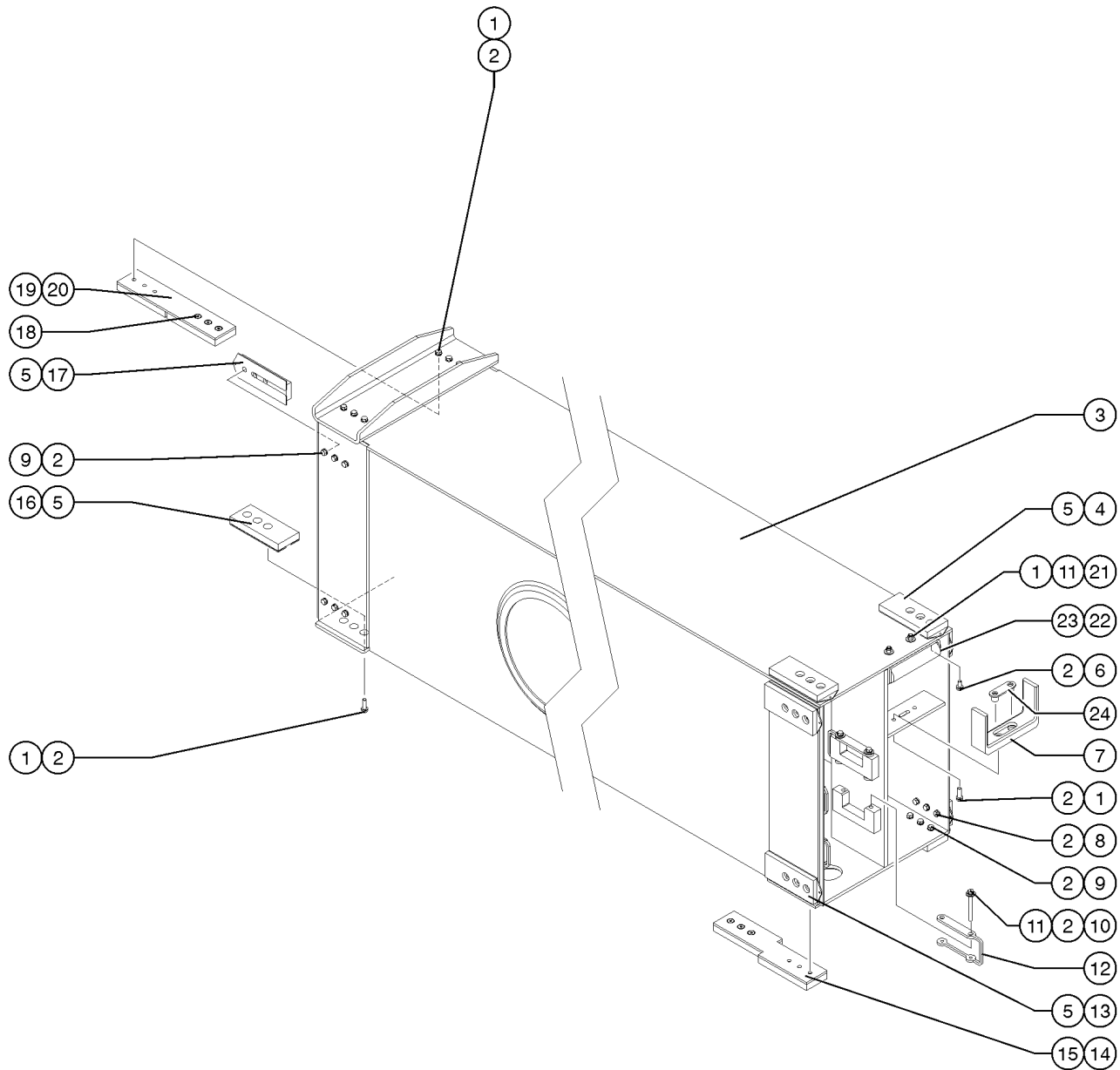
503.1 Secondary Boom Tube 2



503.1 Secondary Boom Tube 2

Item	Part No.	Description	Qty.
1	94601GT	WELDMENT,RISER BOOM #2.....1 to SN 161	
--	107850GT	WELDMENT,RISER BOOM #2*** from SN 162	
2	50245GT	WEAR PAD,7 X 3 X .75 W/NUTS.....8	
3	60304GT	SHIM,WEAR PAD,7 X 3,12GA.....as-needed	
4	8255GT	SCREW,HHC,3/8-16 X .75	
5	6021GT	WASHER,LOCK,.375	
6	101920GT	GUIDE,ALUMINUM EXTRUSION.....1	
--	106729GT	WELDMENT, GUIDE BRKT not shown, order separately (refer to 504.1)	
7	6605GT	SCREW,HHC,3/8-16 X 3.5,GR5	
8	6097GT	WASHER,FLAT,USS,3/8",Y	
9	106281PGT	BRACKET,RISER CYL MOUNT PAINTD.....4	
10	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
11	49857GT	SCREW,HHC,3/8-16 X .88,GRD 8	
12	6175GT	SCREW,HHC,3/8-16 X 1	
13	88648GT	WEAR PAD,7X3X.625 W/NUTS.....4	
14	107661GT	SCREW,FHS,3/8-16 X .625,ZINC	
15	107501GT	PLATE,WEARPAD MOUNT,LH.....2	
16	106797GT	WEAR PAD,7X3X.75 W/INSERT.....4	
17	8516GT	SCREW, HCC, 3/8-16 X 1.50	
18	88022GT	WEAR PAD,7 X 3 X 1 W/NUTS.....2	
19	106796GT	WEAR PAD,7 X 3 X 0.5 W/INSERT.....4	
20	107503GT	PLATE,WEARPAD MOUNT.....2	
21	4828GT	NUT,NYLOCK,3/8-16	
22	107823GT	ROLLER, NYLON.....1	
23	107833PGT	FORMING, ROLLER #2, PAINTED.....1	

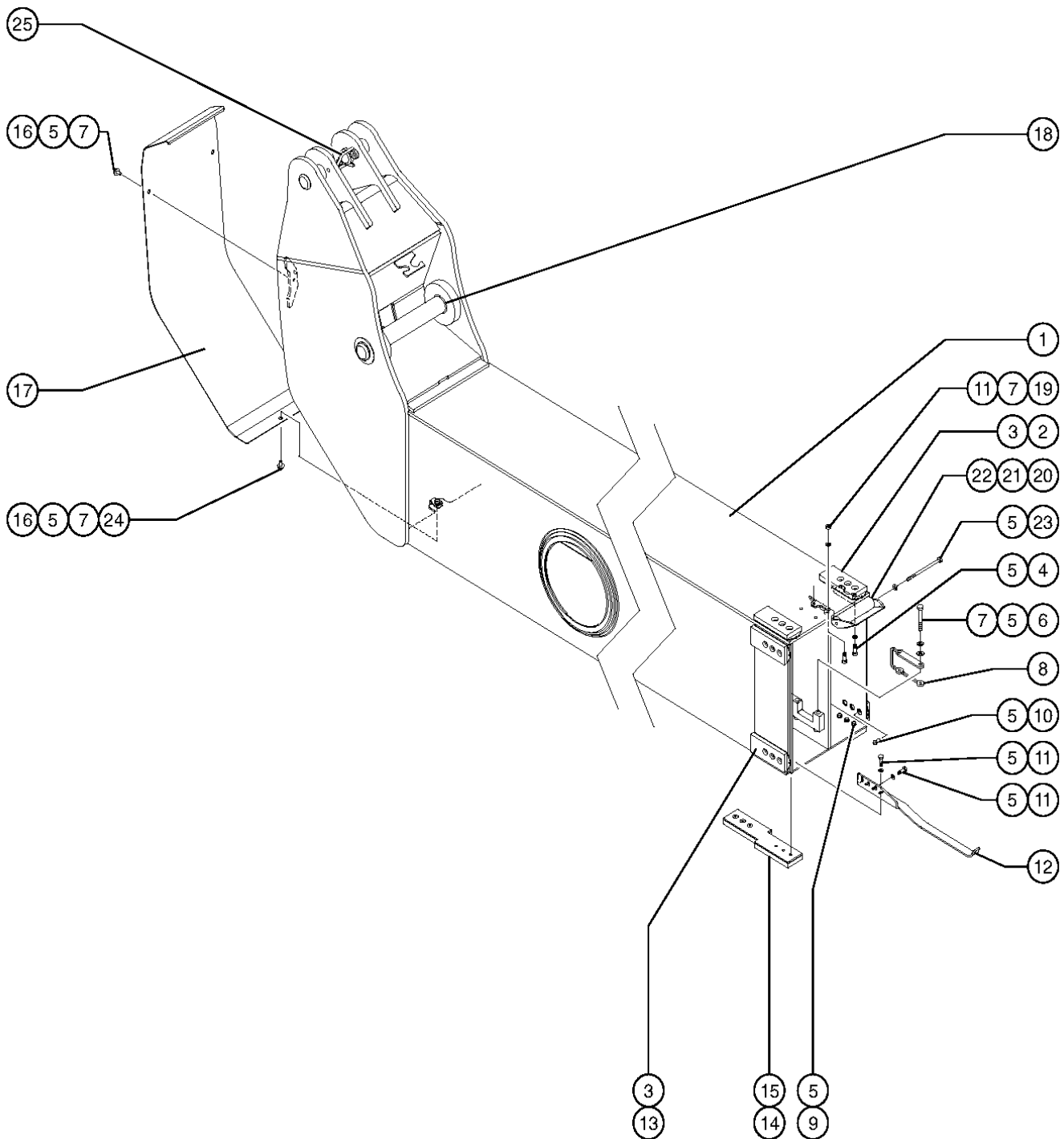
504.1 Secondary Boom Tube 3



504.1 Secondary Boom Tube 3

Item	Part No.	Description	Qty.
1	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
2	6021GT	WASHER,LOCK,.375	
3	61821GT	WELDMENT,RISER BOOM #3.....1 to SN 161	
--	107851GT	WELDMENT,RISE BOOM #3*** from SN 162	
4	50245GT	WEAR PAD,7 X 3 X .75 W/NUTS.....2	
5	60304GT	SHIM,WEAR PAD,7 X 3,12GA.....as-needed	
--	60840GT	SHIM,WEAR PAD,7 X 3,16GA.....as-needed	
6	8255GT	SCREW,HHC,3/8-16 X .75	
7	101921GT	GUIDE,ALUMINUM EXTRUSION.....1	
8	49857GT	SCREW,HHC,3/8-16 X .88,GRD 8	
9	6175GT	SCREW,HHC,3/8-16 X 1	
10	6605GT	SCREW,HHC,3/8-16 X 3.5,GR5	
11	6097GT	WASHER,FLAT,USS,3/8",Y	
12	106281PGT	BRACKET,RISER CYL MOUNT PAINTD.....4	
13	88648GT	WEAR PAD,7X3X.625 W/NUTS.....4	
14	107501GT	PLATE,WEARPAD MOUNT,LH.....2	
15	106797GT	WEAR PAD,7X3X.75 W/INSERT.....4	
16	88022GT	WEAR PAD,7 X 3 X 1 W/NUTS.....2	
17	106539GT	WEAR PAD,7 X 2 X .75 W/NUTS.....4	
18	107661GT	SCREW,FHS,3/8-16 X .625,ZINC	
19	107503GT	PLATE,WEARPAD MOUNT.....2	
20	106796GT	WEAR PAD,7 X 3 X 0.5 W/INSERT.....4	
21	4828GT	NUT,NYLOCK,3/8-16	
22	107823GT	ROLLER, NYLON.....1	
23	110756PGT	FORMING, ROLLER #3, PAINTED.....1	
24	106729GT	WELDMENT, GUIDE BRKT.....1	

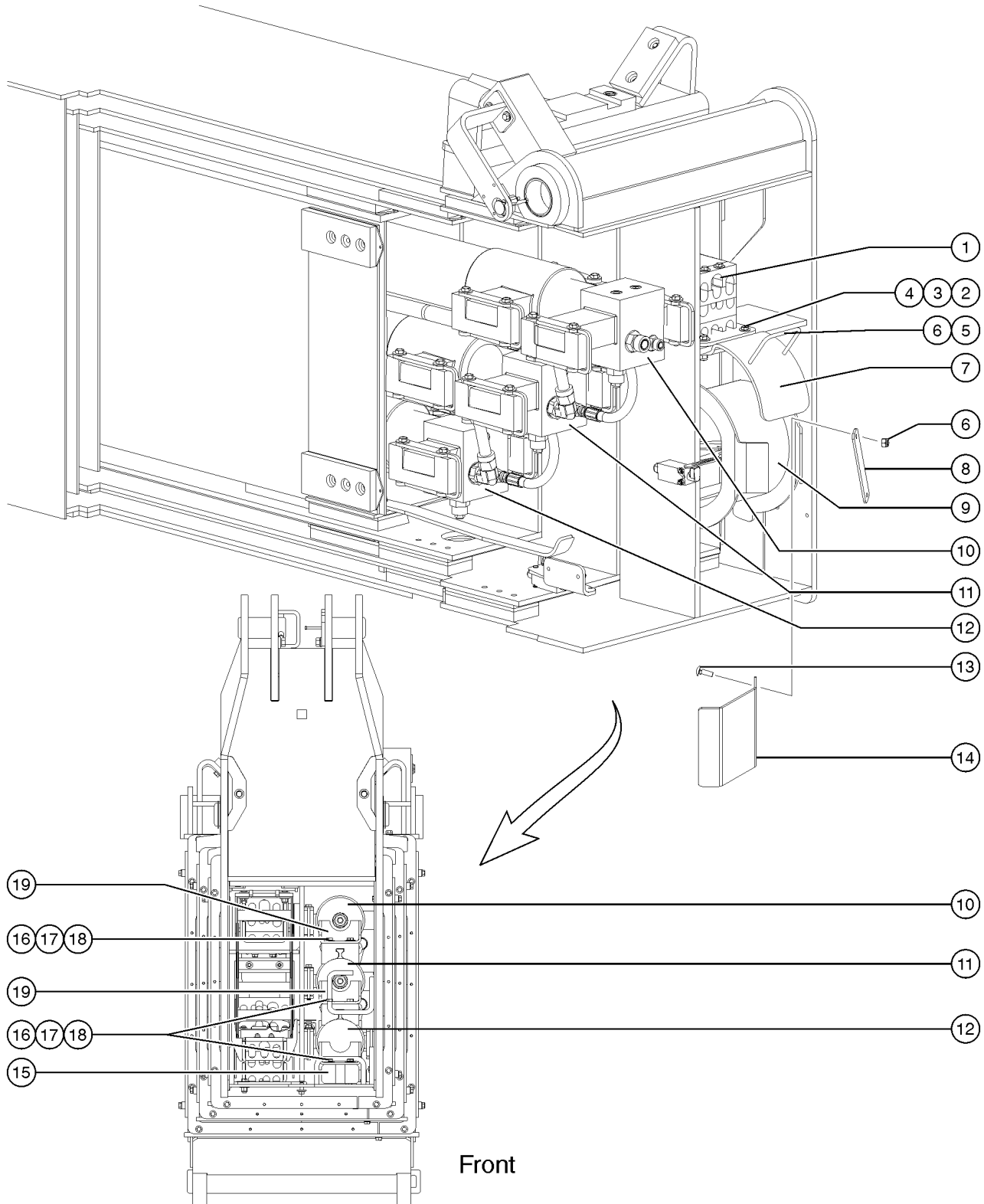
505.1 Secondary Boom Tube 4



505.1 Secondary Boom Tube 4

Item	Part No.	Description	Qty.
1	227780GT	ASSY,RISER BOOM #4.....1 <i>includes item 18; to SN 161</i>	1
--	119849GT	ASSEMBLY,RISER BOOM #4***.....1 <i>includes item 18; from SN 162</i>	1
2	50245GT	WEAR PAD,7 X 3 X.75 W/NUTS.....2	2
3	60304GT	SHIM,WEAR PAD,7 X 3,12GA.....as-needed	
4	8516GT	SCREW, HCC, 3/8-16 X 1.50	
5	6021GT	WASHER,LOCK, .375	
6	6605GT	SCREW,HHC,3/8-16 X 3.5,GR5	
7	6097GT	WASHER,FLAT,USS,3/8",Y	
8	106281PGT	BRACKET,RISER CYL MOUNT PAINTD.....2	2
9	6175GT	SCREW,HHC,3/8-16 X 1	
10	28487GT	SCREW,BHHS,3/8-16 X 1	
11	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
12	119248PGT	FORMING,RISER EXT L/S RAMP,PTD.....1 <i>Units before SN 333 must also purchase part 119247P for first time replacement (refer to 502.1)</i>	1
13	88648GT	WEAR PAD,7X3X.625 W/NUTS.....4	4
14	106797GT	WEAR PAD,7X3X.75 W/INSERT.....4	4
15	107501GT	PLATE,WEARPAD MOUNT,LH.....2	2
16	6175GT	SCREW,HHC,3/8-16 X 1	
17	61952PGT	COVER,SECONDARY RISER.....1	1
18	27698GT	BEARING,2.50IDX2.75ODX2.00L.....2	2
19	4828GT	NUT,NYLOCK,3/8-16	
20	107818GT	WELDMENT, ROLLER #4.....1	1
21	107823GT	ROLLER, NYLON.....1	1
22	107832GT	SPACER, ROLLER.....1	1
23	107835GT	SCREW,HHC,3/8-16X7.5	
24	29868GT	SPRING CLIP,3/8-16,.05-.20X.73,ZAG	
25	106571GT	WELDMENT,CABLE STAY.....1	1

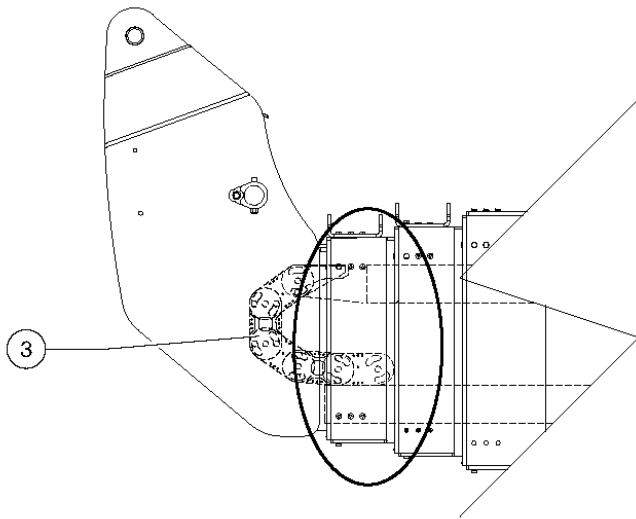
506.1 Secondary Boom Extension Cylinders



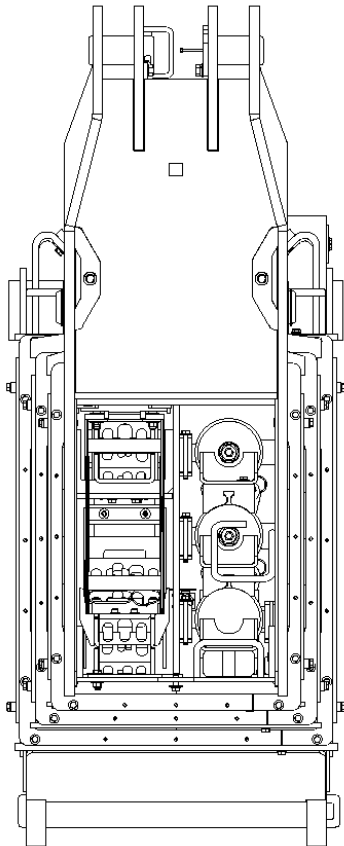
506.1 Secondary Boom Extension Cylinders

Item	Part No.	Description	Qty.
--	236284GT	ASSY,HOSE GUARD,RISER PULLTUBE <i>hose guard kit includes items 8 and 14 with fastners</i>	
1		Ref. Secondary Pull Tube Assembly <i>(refer to 509.1)</i>	
2	8516GT	SCREW, HCC, 3/8-16 X 1.50	
3	6097GT	WASHER,FLAT,USS,3/8",Y	
4	4828GT	NUT,NYLOCK,3/8-16	
5	106843GT	U-BOLT,1/4-20,SQUARE 3.5X3.5	
6	6091GT	NUT,NYLOCK,1/4-20	
7	106772GT	PLATE,HOSE GUIDE.....	1
8	236283GT	PLATE,HOSE GUARD CLAMP..... <i>part of hose guard kit 236284</i>	1
9	61961GT	WELDMNT,RISER CABLE TRACK TRAY..... <i>to SN 161</i>	1
--	107847GT	WELDMNT,TRAY CABLETRACK*** <i>from SN 162</i>	
10	101507GT	CYLINDER,SECONDARY EXTEND #1...1	
--	101510GT	SEAL KIT	
--	106847GT	VALVE,CB.CAGK-LHN@2500 PSI***	
--	106848GT	VALVE,CB.CBGA-LHN@2500 PSI***	
--	107716GT	SEAL KIT,CB VALVE*** <i>for 106847 and 106848</i>	
--	43018GT	SEAL KIT (39345) <i>for 74872</i>	
--	74872GT	VALVE,COUNTERBALANCE 3000 PSI*	
11	101508GT	CYLINDER,SECONDARY EXTEND #2...1	
--	101510GT	SEAL KIT	
--	106847GT	VALVE,CB.CAGK-LHN@2500 PSI***	
--	106848GT	VALVE,CB.CBGA-LHN@2500 PSI***	
--	107716GT	SEAL KIT,CB VALVE*** <i>for 106847 and 106848</i>	
12	101509GT	CYLINDER,SECONDARY EXTEND #3...1	
--	101510GT	SEAL KIT	
--	106848GT	VALVE,CB.CBGA-LHN@2500 PSI***	
--	107716GT	SEAL KIT,CB VALVE*** <i>for 106848</i>	
13	6878GT	BOLT,CARRIAGE,1/4-20 X .75,G2.....	2
14	236282GT	FORMING,HOSE GUARD..... <i>part of hose guard kit 236284</i>	1
15	101919GT	WEAR PAD,RISER EXTENSION CYL.....	1
16	7713GT	NUT, LP NYLOCK, 3/8-16	
17	5397GT	WASHER,FLAT,USS,5/16",Y	
18	5224GT	SCREW,HHC,3/8-16 X 2	
19	101918GT	WEAR PAD,RISER EXTENSION CYL.....	2

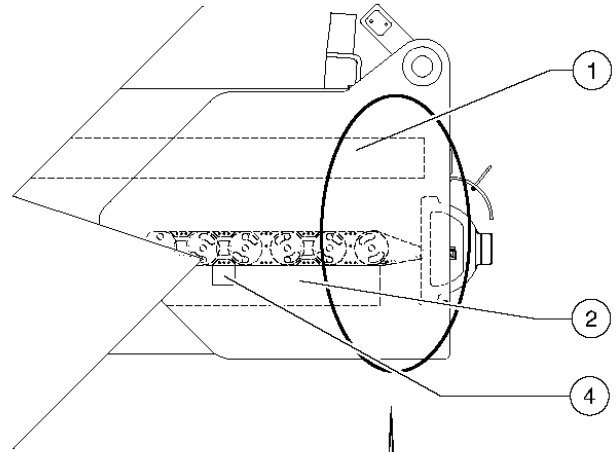
507.1 Secondary Boom Cable Track and Pull Tube



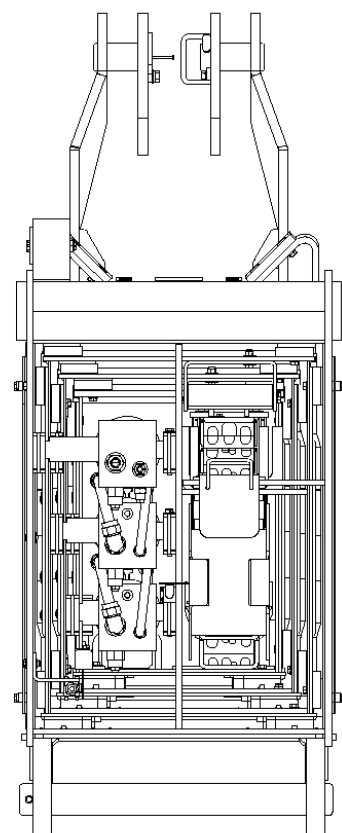
Refer to 508.1



Front



Refer to 509.1

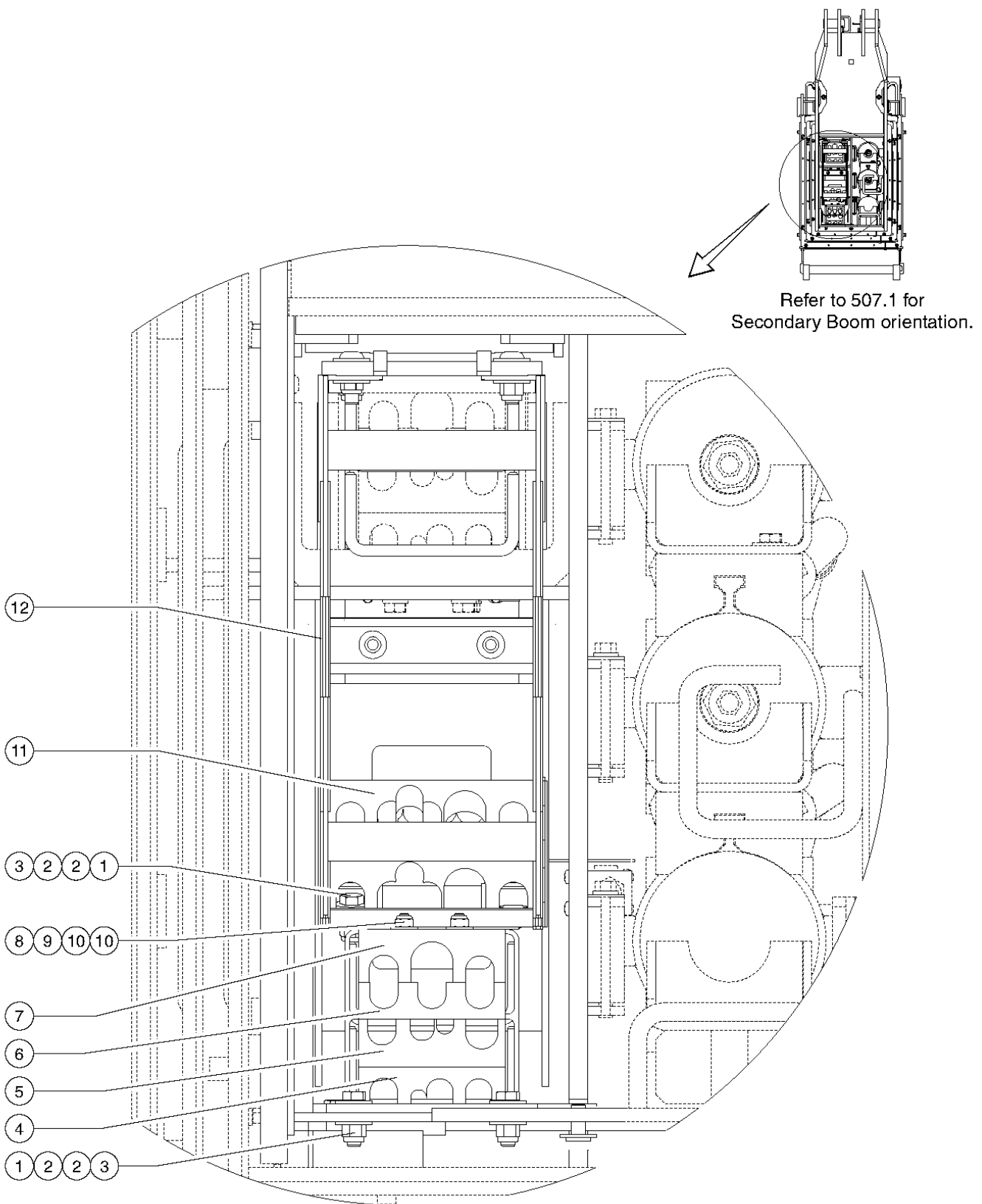


Rear

507.1 Secondary Boom Cable Track and Pull Tube

Item	Part No.	Description	Qty.
1	61960GT	WELDMENT, LONG GUIDE TUBE.....1 to SN 161	
--	107848GT	WELDMENT, TRAY CABLETRACK*** from SN 162 to 1853	
--	217431GT	WELDMENT, TRAY CABLETRACK*** from SN 1854	
2	61961GT	WELDMNT, RISER CABLE TRACK TRAY 1 to SN 161	
--	107847GT	WELDMENT, TRAY CABLETRACK*** from SN 162	
3	61853GT	CABLE TRACK, STEEL 57 LINKS.....1 to SN 1853	
--	236168GT	CABLE TRACK, STEEL 57 LINKS*** from SN 1854	
--	107718GT	KIT, END MOUNTING BRACKET used with cable track 61853 only	
--	237229GT	MOVING END, BRACKET KIT used with cable track 236168 only	
--	237230GT	FIXED END, BRACKET KIT used with cable track 236168 only	
--	107717GT	ASSY, FOUR LINK CABLE TRACK***	
--	107719GT	KIT, PIN & RING***	
--	146019GT	CROSS BAR, ALUM, WITH PEM NUTS	
--	146020GT	CROSS BAR, ALUM, WITH HOLES	
--	107802GT	KIT, SERVICE PART RISER CARRIER	
4	119106GT	GUIDE, RISER LINK.....2	
--	6146GT	WASHER, FLAT, MS, #10, Y	
--	6178GT	NUT, NYLOCK, 10-32	
--	75041GT	SCREW, PHILLIPS, PHM, 10-32 X 1	

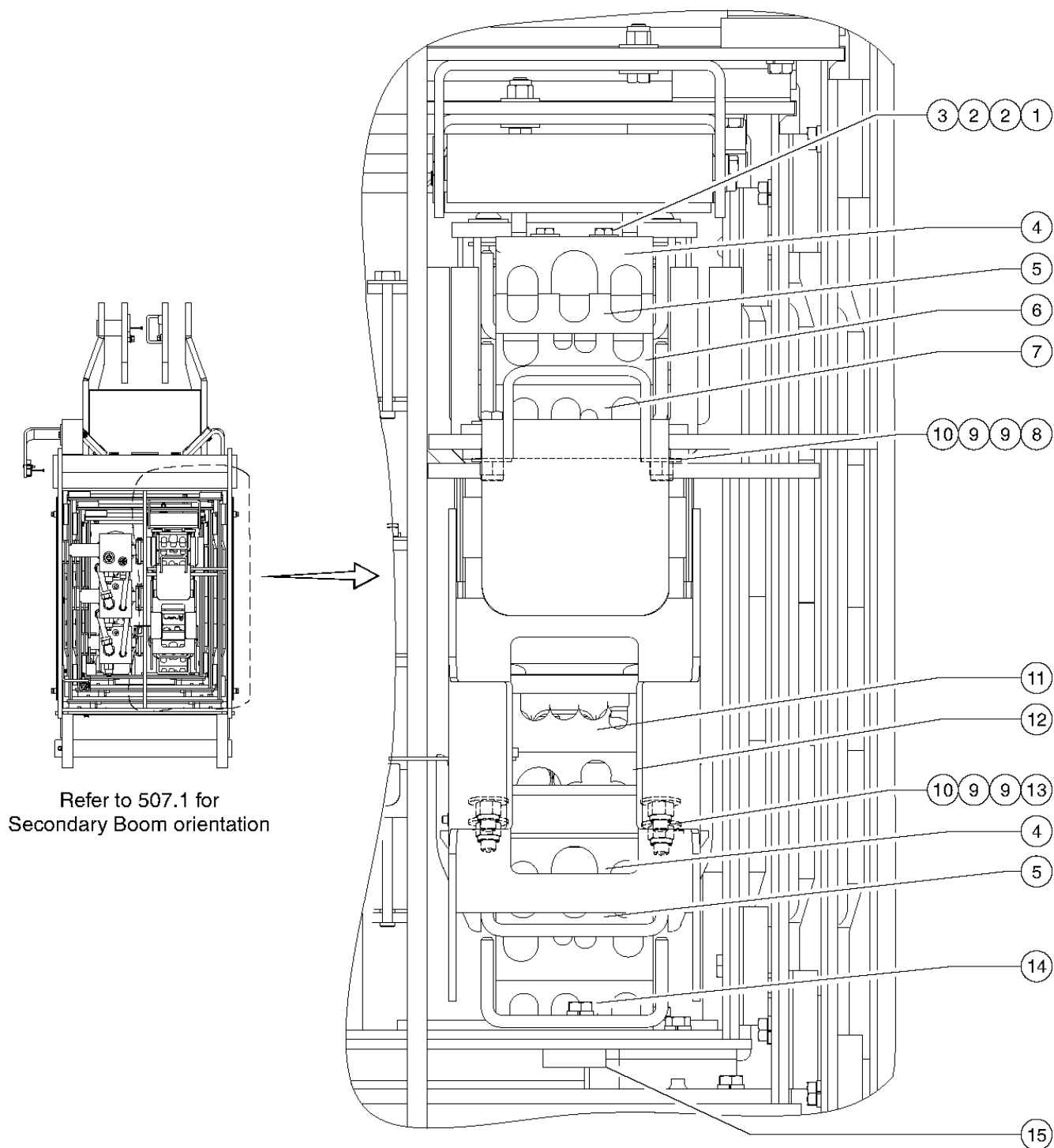
508.1 Secondary Boom Cable and Hose Clamps, Front View



508.1 Secondary Boom Cable and Hose Clamps, Front View

Item	Part No.	Description	Qty.
1	4828GT	NUT,NYLOCK,3/8-16	
2	6097GT	WASHER,FLAT,USS,3/8",Y	
3	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
4	101106GT	CLAMP ASSY.OPTIONS BLOCK W/NUT.....	1
5	101788GT	CABLE STAY.....	2
6	101787GT	CABLE STAY, TOP.....	2
7	101786GT	CABLE STAY, TOP.....	2
8	77036GT	SCREW,HHC,1/4-20 X 5.50,G5,CLZ	
9	6091GT	NUT,NYLOCK,1/4-20	
10	6638GT	WASHER,FLAT,USS,1/4"Y	
11	106853GT	CLAMP,RISER CABLE,OUTSIDE.....	1
12		Ref. Cable Track (refer to 507.1)	

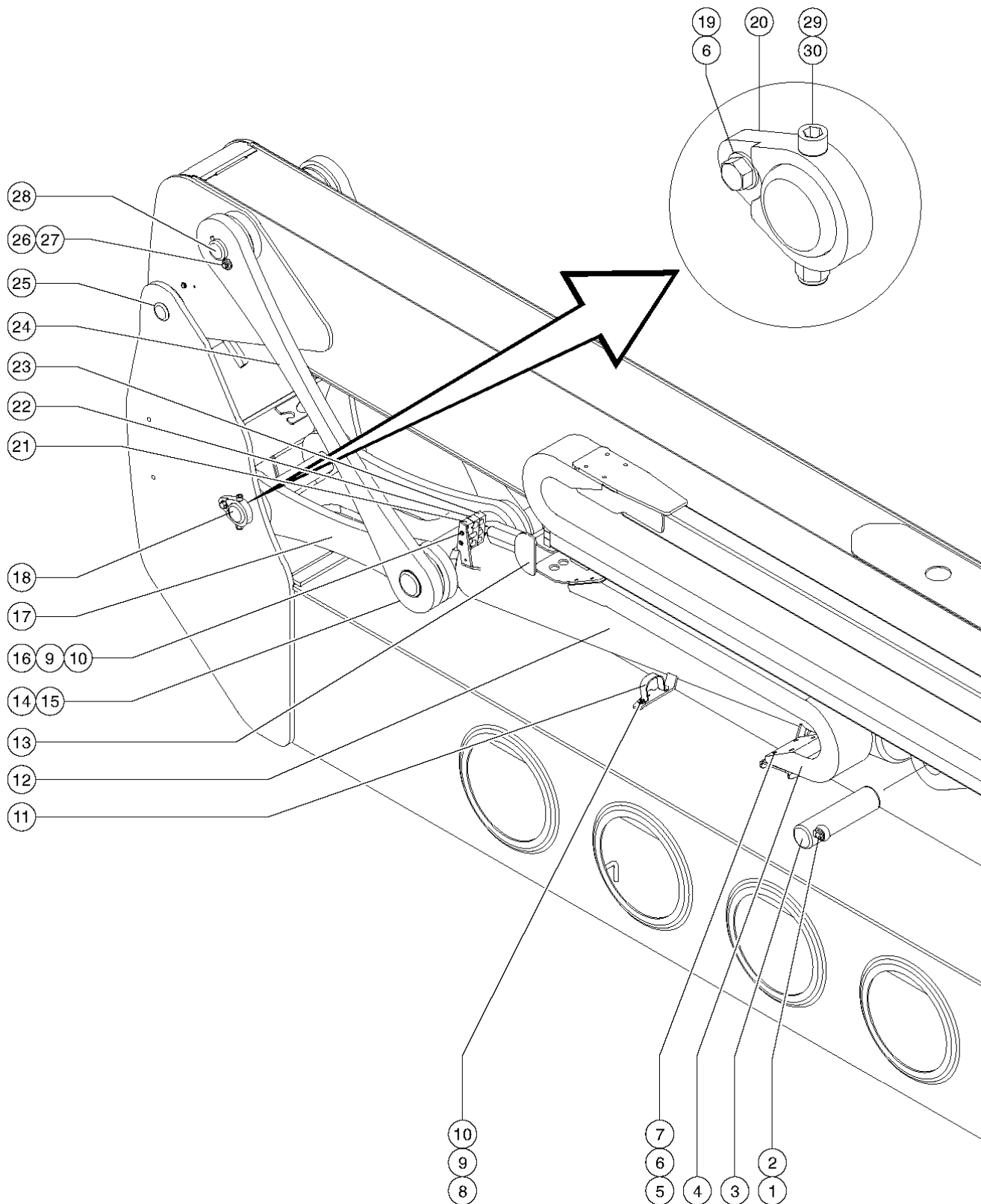
509.1 Secondary Boom Cable and Hose Clamps, Rear View



509.1 Secondary Boom Cable and Hose Clamps, Rear View

Item	Part No.	Description	Qty.
1	77036GT	SCREW,HHC,1/4-20 X 5.50,G5,CLZ	
2	6638GT	WASHER,FLAT,USS,1/4"Y	
3	6091GT	NUT,NYLOCK,1/4-20	
4	101786GT	CABLE STAY, TOP.....	1
5	101787GT	CABLE STAY, TOP.....	1
6	101788GT	CABLE STAY.....	1
7	101106GT	CLAMP ASSY.OPTIONS BLOCK W/NUT.....	1
8	8516GT	SCREW, HCC, 3/8-16 X 1.50	
9	6097GT	WASHER,FLAT,USS,3/8",Y	
10	4828GT	NUT,NYLOCK,3/8-16	
11	106862GT	CLAMP,RISER CABLE TRACK,INSIDE.....	1
12	106853GT	CLAMP,RISER CABLE,OUTSIDE.....	1
13	6175GT	SCREW,HHC,3/8-16 X 1	
14	12011GT	SCREW,BHHS,1/4-20 X .5,Y/ZINC	
15	56093GT	WEAR PAD ROUND.....	1

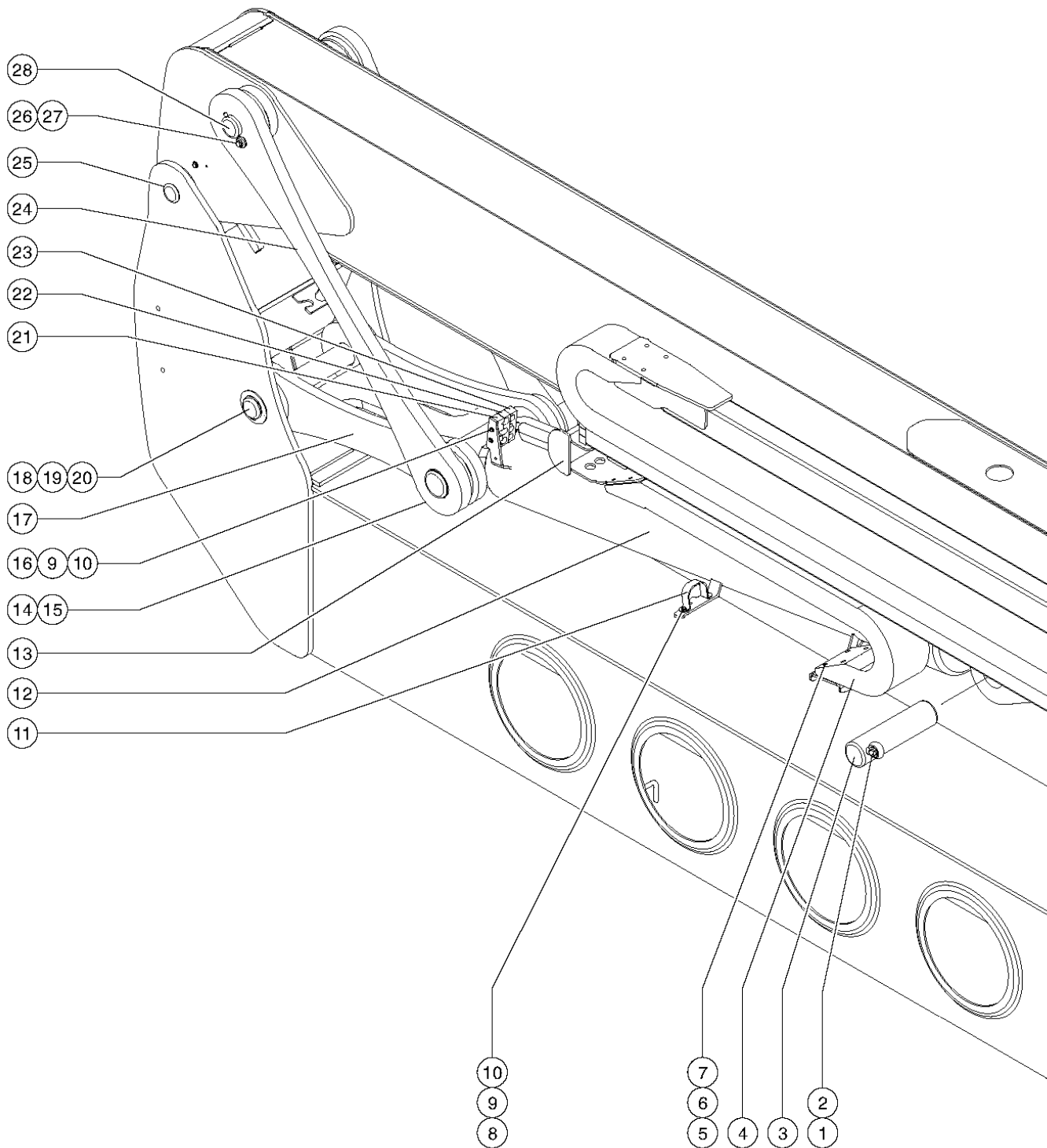
510.1 Primary Boom Link, Lever and Lift Cylinder (to SN 359)



510.1 Primary Boom Link, Lever and Lift Cylinder (to SN 359)

Item	Part No.	Description	Qty.
--	107521GT	COVER,HOSE & CABLE, 100 INCH <i>protects hoses between the primary and secondary booms</i>	
1	33557GT	SCREW,HHC,3/4-10 X 2.00,GR5	
2	61341GT	ROD END,.75 X 5.00.....1	1
3	94810GT	PIN,3.00DIAX11.50LG,1HOLE.....1	1
4	106574GT	CABLE TRACK,STEEL 11 LINKS.....1	1
5	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
6	6097GT	WASHER,FLAT,USS,3/8",Y	
7	4828GT	NUT,NYLOCK,3/8-16	
8	6090GT	SCREW,HHC,1/4-20 X .75	
9	6638GT	WASHER,FLAT,USS,1/4"Y	
10	6091GT	NUT,NYLOCK,1/4-20	
11	106580PGT	BRACKET,RISER CYL MOUNT PAINTD.....1	1
12	61814GT	CYLINDER,PRIMARY BOOM LIFT.....1	1
--	101562GT	BEARING,3.25IDX3.75ODX2.00L	
--	106378GT	SEAL KIT, Z135 LIFT (61814)	
--	33428GT	VALVE,COUNTERBALANCE	
--	88279GT	BEARING,3.00IDX3.50ODX1.50L	
13		Ref. Cable Track Support (refer to 512.1)	
14	94811GT	PIN,3.25DIAX19.00LG,2RING.....1	1
15	1253814GT	SNAP RING,EXTERNAL,3.25,ZAG.....2	2
16	36294GT	SCREW,HHC,1/4-20 X 2.75	
17	106552GT	LINK ASSEMBLY,PRIMARY BOOM.....1	1
--	101566GT	BEARING,FL,2.50IDX2.75ODX1.36L	
--	101567GT	BEARING,3.25IDX3.50ODX1.50L	
18	94813GT	PIN,2.50DIAX19.00LG,1HOLE.....1	1
19	8177GT	SCREW,HHC,1/2-13 X 1.5	
20	107676PGT	PLATE, PIN RETAINER, PAINTED.....1	1
20	119151GT	SERV KIT,#4RISER-TO-LINK BANJO <i>includes retainer plate and Items 29 and 30</i>	
21	101110GT	CABLE STAY.....1	1
22	101315GT	CABLE STAY.....1	1
23	101106GT	CLAMP ASSY.OPTIONS BLOCK W/NUT.....1	1
24	106553GT	LEVER ASSEMBLY,PRIMARY BOOM.....2	2
--	101566GT	BEARING,FL,2.50IDX2.75ODX1.36L	
25		Ref. Angle Sensor Pivot Pin (refer to 511.1)	
26	8516GT	SCREW, HCC, 3/8-16 X 1.50	
27	825019GT	ROD END,.375X3.69,ZAG	
28	94809GT	PIN,2.50DIAX19.56LG,2HOLE.....1	1
29	42360GT	SCREW,SHC,1/2-13 X 4 ZINC	
30	6198GT	NUT,NYLOCK,1/2-13	

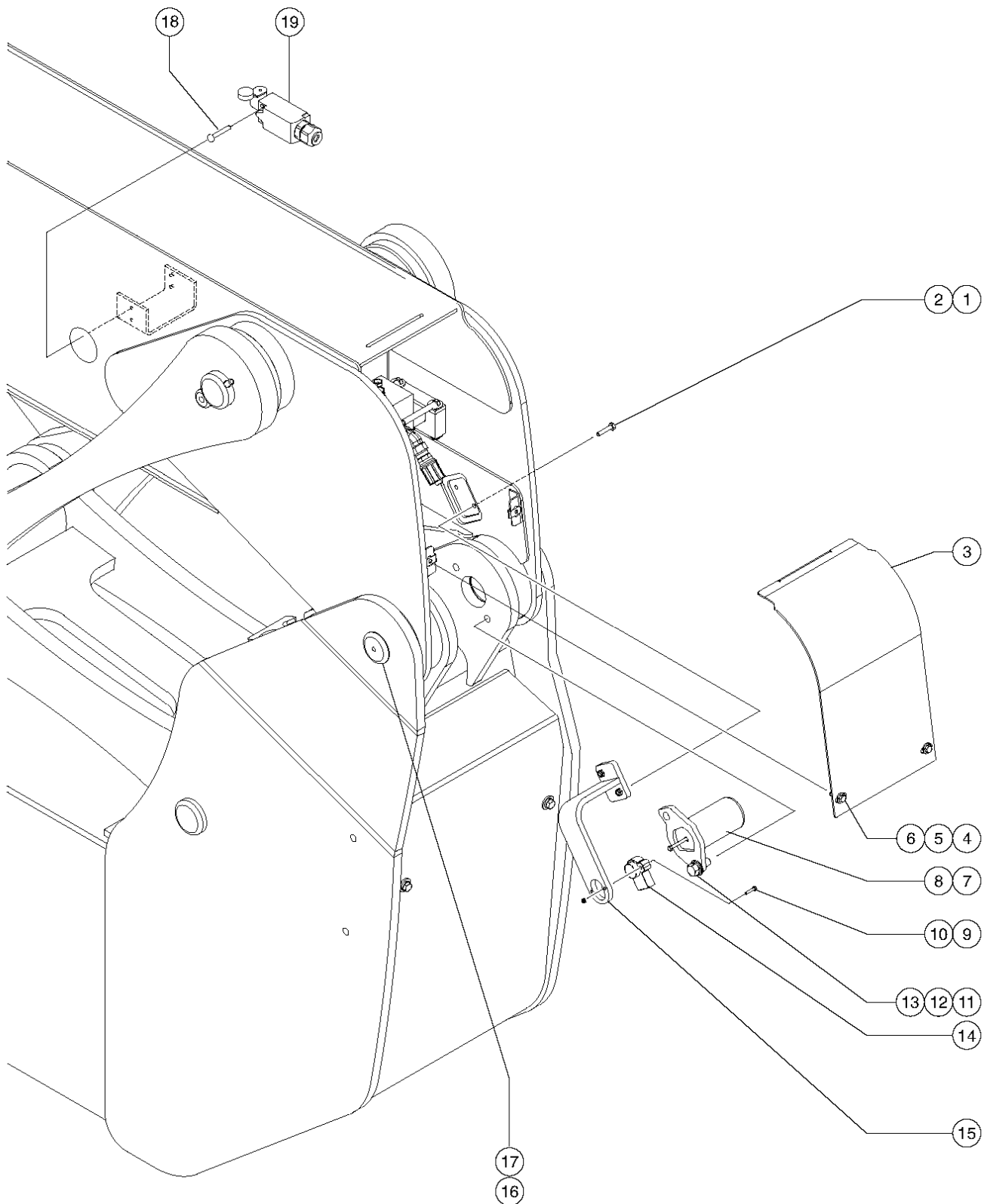
510.2 Primary Boom Link, Lever and Lift Cylinder (from SN 360)



510.2 Primary Boom Link, Lever and Lift Cylinder (from SN 360)

Item	Part No.	Description	Qty.
--	107521GT	COVER,HOSE & CABLE, 100 INCH <i>protects hoses between the primary and secondary booms</i>	
1	33557GT	SCREW,HHC,3/4-10 X 2.00,GR5	
2	61341GT	ROD END,.75 X 5.00.....1	
3	94810GT	PIN,3.00DIAX11.50LG,1HOLE.....1	
4	106574GT	CABLE TRACK,STEEL 11 LINKS.....1	
5	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
6	6097GT	WASHER,FLAT,USS,3/8",Y	
7	4828GT	NUT,NYLOCK,3/8-16	
8	6090GT	SCREW,HHC,1/4-20 X .75	
9	6638GT	WASHER,FLAT,USS,1/4"Y	
10	6091GT	NUT,NYLOCK,1/4-20	
11	106580PGT	BRACKET,RISER CYL MOUNT PAINTD.....1	
12	61814GT	CYLINDER,PRIMARY BOOM LIFT.....1	
--	101562GT	BEARING,3.25IDX3.75ODX2.00L	
--	106378GT	SEAL KIT, Z135 LIFT (61814)	
--	33428GT	VALVE,COUNTERBALANCE.....2	
--	88279GT	BEARING,3.00IDX3.50ODX1.50L	
13		Ref. Cable Track Support (refer to 512.1)	
14	94811GT	PIN,3.25DIAX19.00LG,2RING.....1	
15	1253814GT	SNAP RING,EXTERNAL,3.25,ZAG.....2	
16	36294GT	SCREW,HHC,1/4-20 X 2.75	
17	106552GT	LINK ASSEMBLY,PRIMARY BOOM.....1	
--	101566GT	BEARING,FL,2.50IDX2.75ODX1.36L	
--	101567GT	BEARING,3.25IDX3.50ODX1.50L	
18	119108GT	PIN,2.50DIAX18.68LG,2RING.....1	
19	29746GT	WASHER,FLAT,2.5 X 4 X .062.....2	
20	825760GT	SNAP RING,EXTERNAL,2.50,ZAG.....2	
21	101110GT	CABLE STAY.....1	
22	101315GT	CABLE STAY.....1	
23	101106GT	CLAMP ASSY.OPTIONS BLOCK W/NUT.....1	
24	106553GT	LEVER ASSEMBLY,PRIMARY BOOM.....2	
--	101566GT	BEARING,FL,2.50IDX2.75ODX1.36L	
25		Ref. Angle Sensor Pivot Pin (refer to 511.1)	
26	8516GT	SCREW, HCC, 3/8-16 X 1.50	
27	825019GT	ROD END,.375X3.69,ZAG	
28	94809GT	PIN,2.50DIAX19.56LG,2HOLE.....1	

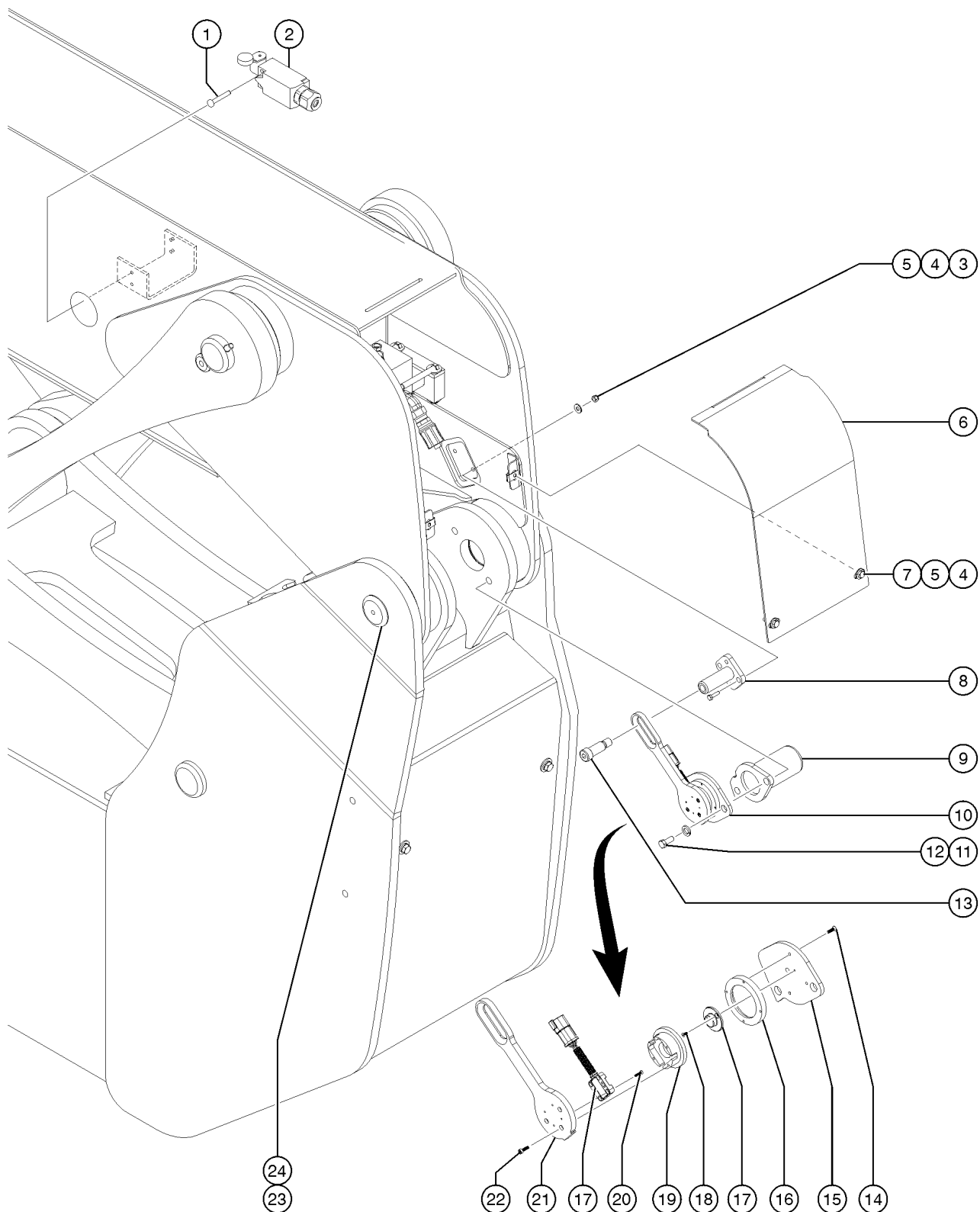
511.1 Primary Boom Angle Sensor and Retract Limit Switch (to SN 1853)



511.1 Primary Boom Angle Sensor and Retract Limit Switch (to SN 1853)

Item	Part No.	Description	Qty.
1	8915GT	SCREW,HHC,1/4-20 X 1.25	
2	6889GT	NUT,LP NYLOCK,1/4-20	
3	107838GT	PRIMARY BOOM COVER W/DECAL.....1 <i>USA, Canada, Australia</i>	
--	106277PGT	COVER,PRIMARY BOOM,PAINTED <i>Europe, Asia, South America</i>	
4	6888GT	SCREW,HHC,1/4-20 X 1	
5	6638GT	WASHER,FLAT,USS,1/4"Y	
6	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
7	101715GT	WELDMENT,PRI.ROTARY SENSOR PIN.....1	
8	101599GT	KEY,BALL POINT HEX.....1	
9	22541GT	SCREW,RHM,10-32 X 1.5	
10	6178GT	NUT,NYLOCK,10-32	
11	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
12	6033GT	WASHER,LOCK,0.5"	
13	13066GT	WASHER,FLAT,.5 HARDENED	
14		Ref. SENSOR,DUAL OUTPUT,ANGLE...1 <i>(calibration required after replacement). Older sensor part 94980 is no longer available. For first time replacement, order kit 217246 (refer to 511.2)</i>	
--	217246GT	KIT,Z135 PRIMARY ANGLE SEN. <i>(refer to 511.2)</i>	
15	101710GT	MACH,PRI.ROTARY SENSOR.....1	
16	94814GT	PIN,2.25 DIA X 5.10LG,THREADED.....1	
--	1256267GT	ROD END,.5 X 3.75,ZAG	
--	1256843GT	SCREW,HHC,1/2-13X1.25,8,ZAG	
17	18731GT	WASHER,FLAT,2.27 X 3.5 X .06.....2	
18	49817GT	SCREW,PHILLIPS,PHM,10-32 X1.25	
19	110913GT	SWITCH ASSY,LIMIT LSP1RO.....1	
--	~~1107142163GT~~	SWITCH,LIMIT W/ROLLER NO/NC	
--	119067GT	CONN,RECEP 4 WAY ENDCAP DT	
--	43960GT	WIRE CABLE,16/4 CON.TPE JKT.....29-inches	
--	60443GT	LOCK,RECEP 4 WAY,14-18GA	
--	73713GT	TERM,NI PIN,S&F,16-18GA,REEL	

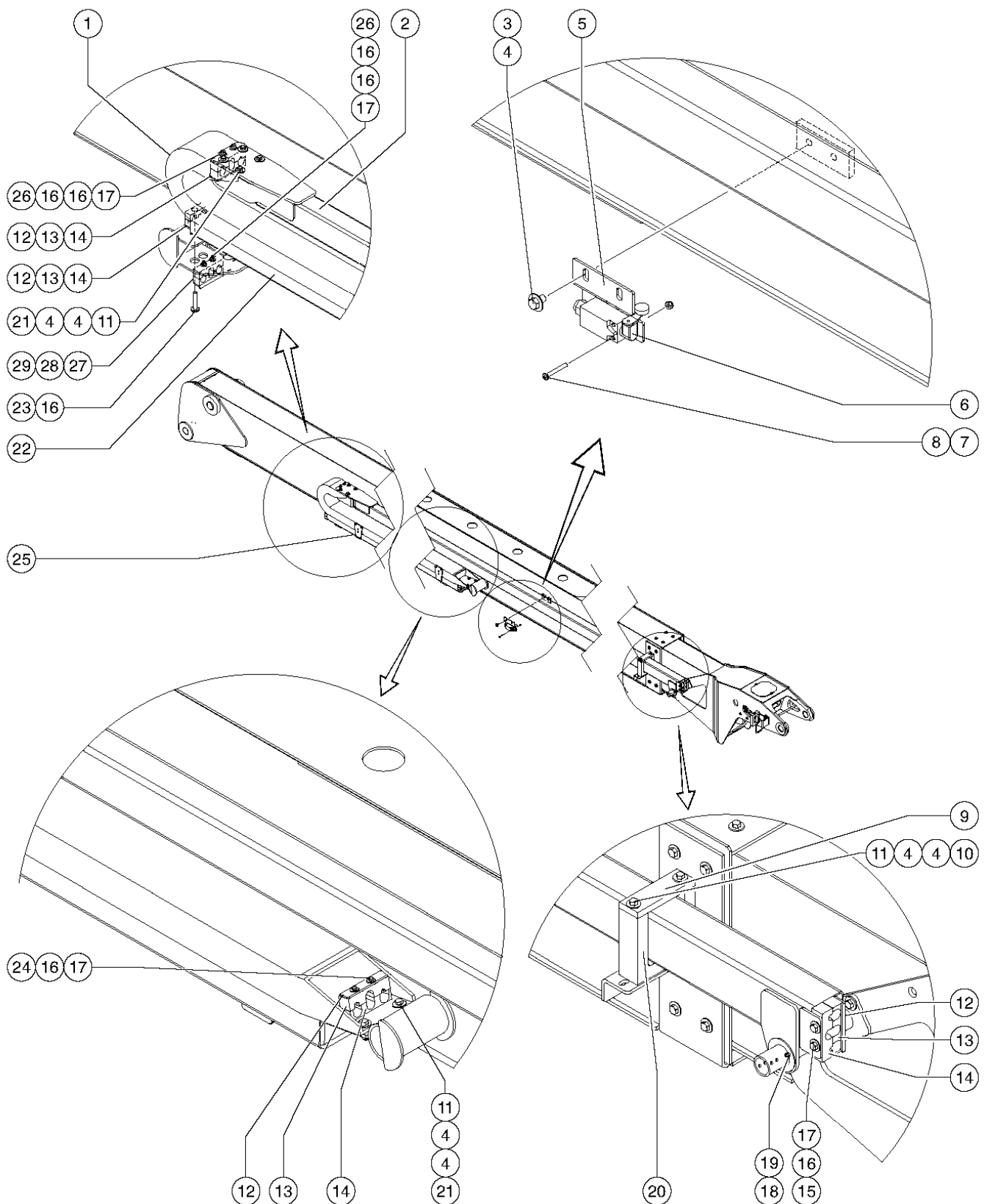
511.2 Primary Boom Angle Sensor and Retract Limit Switch (from SN 1854)



511.2 Primary Boom Angle Sensor and Retract Limit Switch (from SN 1854)

Item	Part No.	Description	Qty.
1	49817GT	SCREW,PHILLIPS,PHM,10-32 X1.25	
2	110913GT	SWITCH ASSY,LIMIT LSP1RO.....1	
--	1107142163GT	SWITCH,LIMIT W/ROLLER NO/NC	
--	119067GT	CONN,RECEP 4 WAY ENDCAP DT	
--	43960GT	WIRE CABLE,16/4 CON.TPE JKT.....29 inches	
--	60443GT	LOCK,RECEP 4 WAY,14-18GA	
--	73713GT	TERM,NI PIN,S&F,16-18GA,REEL	
3	6091GT	NUT,NYLOCK,1/4-20	
4	6638GT	WASHER,FLAT,USS,1/4"Y	
5	8915GT	SCREW,HHC,1/4-20 X 1.25	
6	106277PGT	COVER,PRIMARY BOOM,PAINTED	
7	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
8	233118GT	WLDT, SENSOR ROTATOR #2	
9	218757GT	WLDT., PRIMARY SENSOR PIN	
10	215728GT	ASSY,ANGLE SEN.,Z135 PRIMARY (Complete) Includes items 14 to 22; Calibration required after replacement	
11	10597GT	SCREW,HHC,1/2-13 X 1.25 GR5	
12	6033GT	WASHER,LOCK,0.5"	
13	217235GT	SCREW,SHS,3/4X1.5X5/8-11,ZAG	
14	217217GT	SCREW,FHSCS,M4-0.7X14 CL10.9	
15	226489GT	MACHINED, PRIMARY SENSOR BASE	
16	226491GT	MACHINED, ANGLE SENSOR RACE	
17	216061GT	SENSOR, ANGLE, 180 DEG, CW Sensor and magnet are matched and must be replaced at the same time. Machine calibration is required after installation.	
18	237242GT	SCREW,FHS,M3-0.5X8,DIN7991,10.9,ZAB	
19	226492GT	MACHINED, ANGLE SENSOR HOLDER	
20	237241GT	SCREW,FHS,M3-0.5X14,DIN7991,10.9,ZAB	
21	233116GT	MACHINED, SENSOR ARM	
22	217219GT	SCREW,SHC,M4-0.7X14 DIN912,12.9,ZAB	
23	94814GT	PIN,2.25 DIA X 5.10LG,THREADED.....1	
24	18731GT	WASHER,FLAT,2.27 X 3.5 X .06.....2	

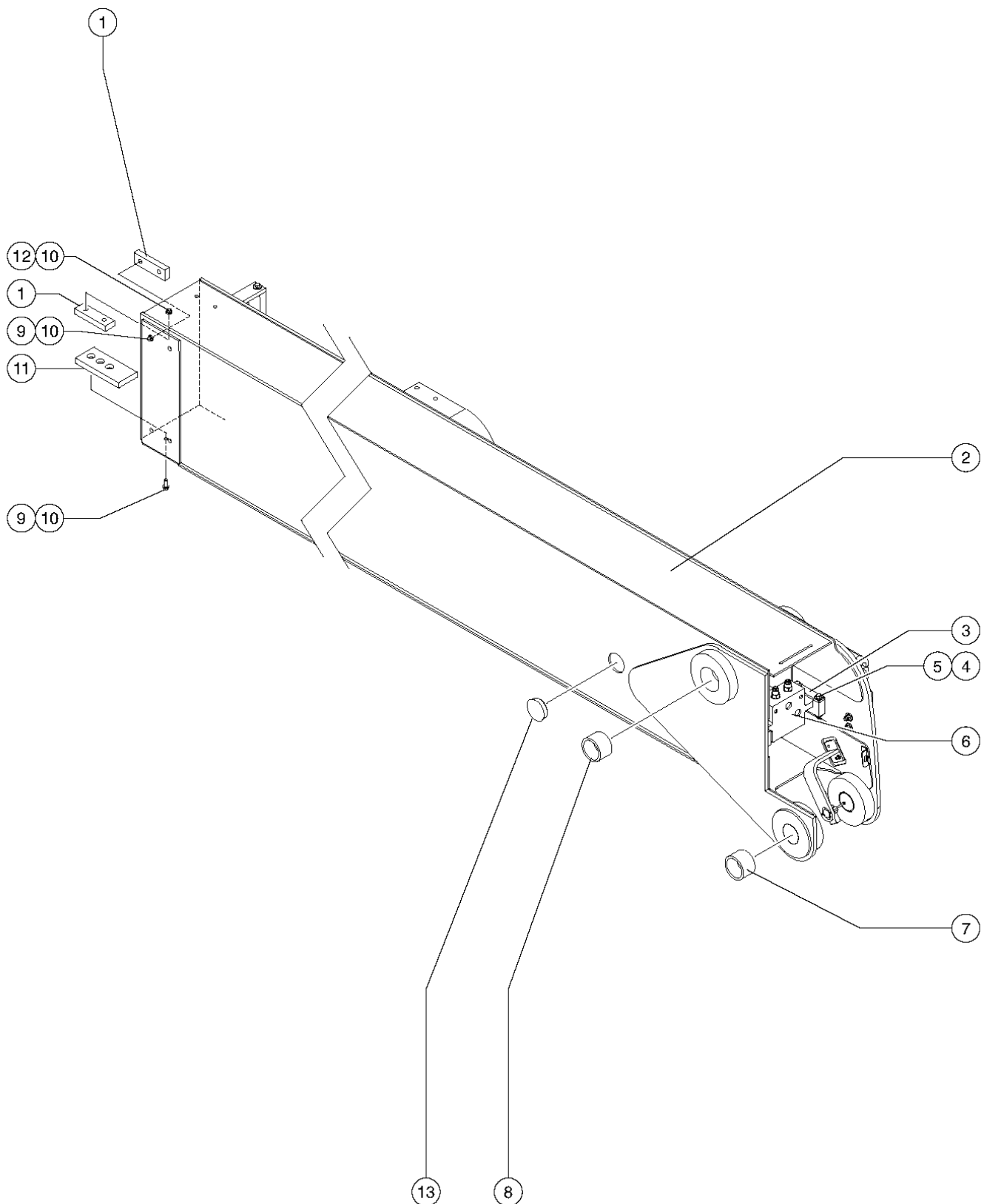
512.1 Primary Boom Cable Track



512.1 Primary Boom Cable Track

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	61852GT	CABLE TRACK,STEEL 27 LINKS.....1		29	107868PGT	PLATE,REINF.CLAMP STACK,PTD.....1 <i>from SN 379</i>	
--	102216GT	BRACKET,CABLE TRACK,MOVING END					
--	106154GT	KIT,PIN & RING***					
--	58308GT	ROLLER,ALUM TUBE,ST.TRK***					
--	58309GT	ROLLER,POLY,STEEL TRACK***					
--	77896GT	ASSY,FOUR LINK CABLE TRACK***					
2	101098GT	WELDMENT,PRIMARY PULL TUBE.....1					
3	33681GT	SCREW,HHC,3/8-16 X .625					
4	6097GT	WASHER,FLAT,USS,3/8",Y					
5	88019PGT	FORMING,LIMIT SWITCH MOUNT.....1					
6	110914GT	SWITCH ASSY,LIMIT LSS1EO.....1					
--	11077144163GT	SWITCH LIMIT W/RLLR NO/NC GOLD					
--	119065GT	CONN,RECEP 2 WAY ENDCAP DT					
--	43960GT	WIRE CABLE,16/4 CON.TPE JKT.....340-inches					
--	60439GT	LOCK,RECEP 2 WAY, 14-18GA					
--	73713GT	TERM,NI PIN,S&F,16-18GA,REEL					
7	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5					
8	6178GT	NUT,NYLOCK,10-32					
9	81342GT	WEAR PAD,5.5 X 1.75 X .5.....1					
10	81777GT	SCREW,HHC,3/8-16 X 7					
11	4828GT	NUT,NYLOCK,3/8-16					
12	107868PGT	PLATE,REINF.CLAMP STACK,PTD.....4					
13	101110GT	CABLE STAY.....4					
14	101315GT	CABLE STAY.....4					
15	36294GT	SCREW,HHC,1/4-20 X 2.75					
16	6638GT	WASHER,FLAT,USS,1/4"Y					
17	6091GT	NUT,NYLOCK,1/4-20					
18	18596GT	WASHER,FLAT,1.56 X 2.5 X .061					
19	42079GT	PIN,COTTER,.156 X 2.5					
20	81341GT	WEAR PAD,CABLE TRACK PULL TUBE.....1					
21	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5					
22	94592GT	WELDMENT,CABLE TRACK SUPPORT.....1					
23	42571GT	SCREW,HHC,1/4-20 X 3.25					
24	11413GT	SCREW,HHC,1/4-20 X 4					
25	70264GT	CABLE TRACK GUIDE TRIANGLE.....4					
--	39317GT	STOP PLATFORM ROLLER					
--	87085GT	RIVET,ALUM,P,.188 X .25					
26	12343GT	SCREW,HHC,1/4-20 X 3					
27	101315GT	CABLE STAY.....1 <i>from SN 379</i>					
28	101110GT	CABLE STAY.....1 <i>from SN 379</i>					

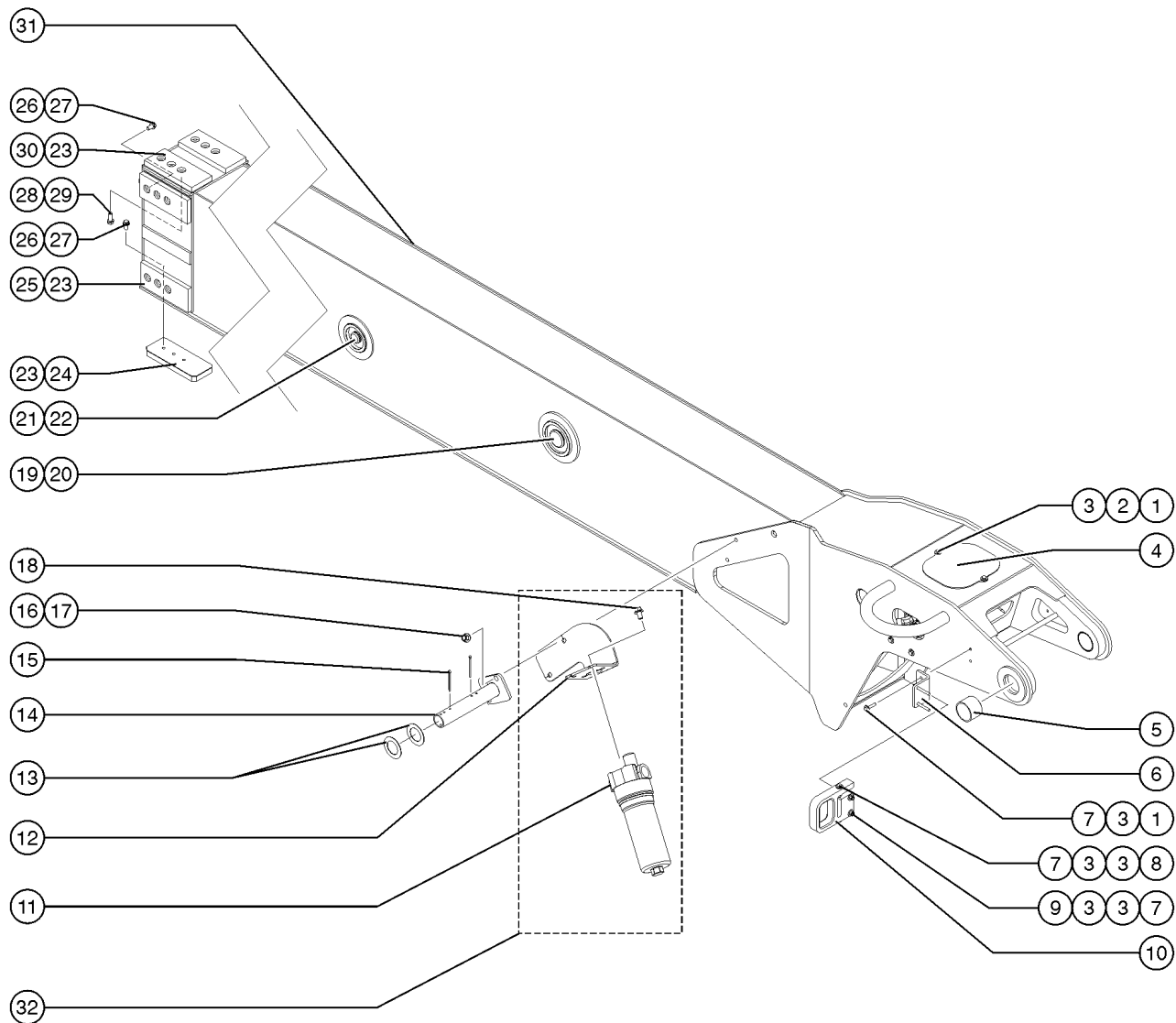
513.1 Primary Boom Bearings and Wear Pads



513.1 Primary Boom Bearings and Wear Pads

Item	Part No.	Description	Qty.
1	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS.....6	
2	107762GT	ASSY,PRIMARY BOOM W/DECAL***.....1 <i>includes items 7, 8, and 13</i>	
3	101880PGT	PLATE,BLOCK SADDLE CAP PNTD.....2	
4	6326GT	SCREW,HHC,3/8-16 X 3	
5	6097GT	WASHER,FLAT,USS,3/8",Y	
6	61815GT	CYLINDER,PRIMARY BOOM EXTEND.....1	
--	106538GT	SEAL KIT,Z135 PEXT (61815)***	
--	60239GT	WEAR PAD,7 X 3 X .625 W/INSERT.....4	
--	74872GT	VALVE,COUNTERBALANCE 3000 PSI*	
--	88667GT	VALVE,CB.CBCA-LHN@1500PSI***	
7	101561GT	BEARING,2.25IDX2.50ODX2.25L.....2	
8	101559GT	BEARING,FL,2.50IDX2.75ODX1.61L.....2	
9	6175GT	SCREW,HHC,3/8-16 X 1	
10	6021GT	WASHER,LOCK,.375	
11	50245GT	WEAR PAD,7 X 3 X .75 W/NUTS.....2	
12	49857GT	SCREW,HHC,3/8-16 X .88,GRD 8	
13	39640GT	PLUG,NYLON 2.50 BLACK DOMED.....1	

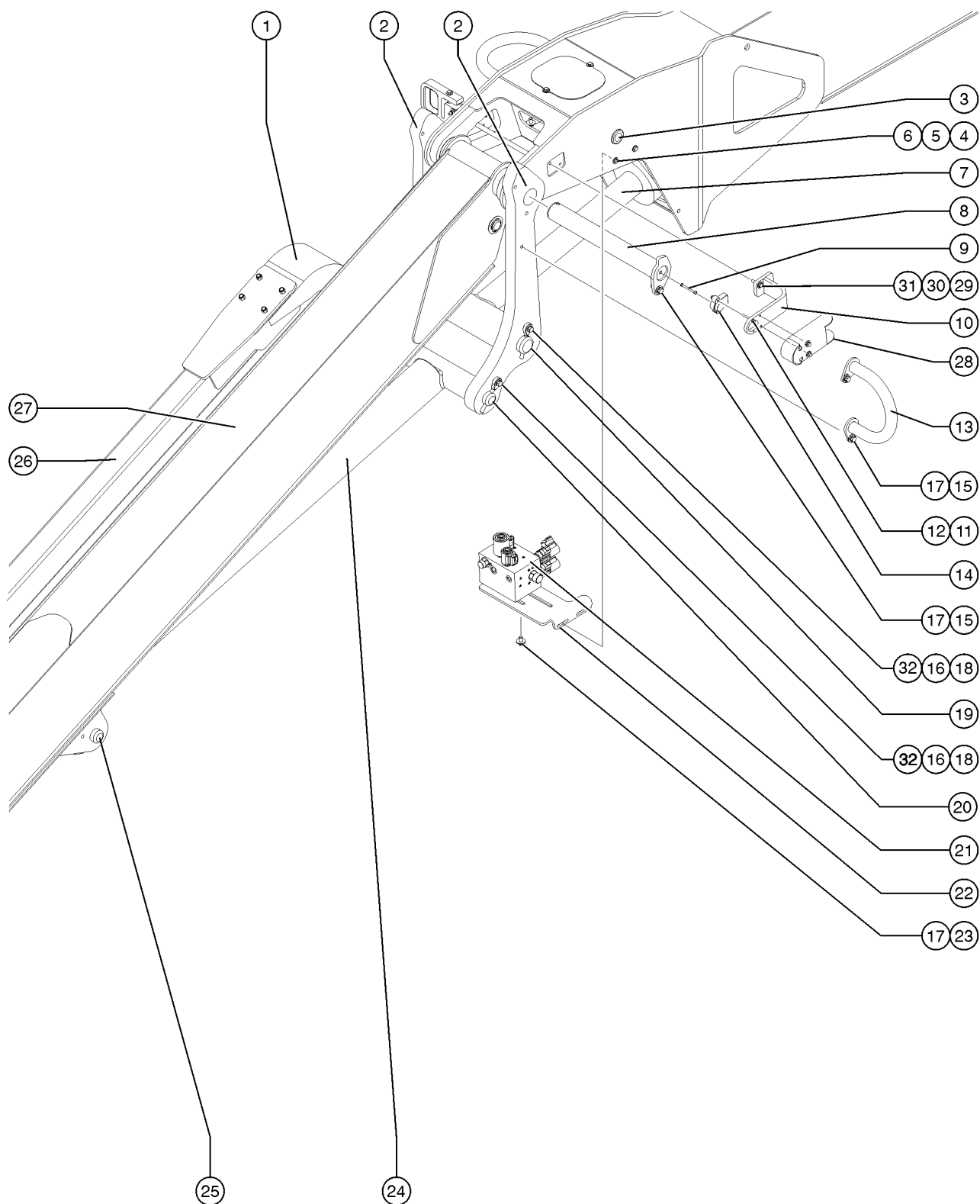
514.1 Primary Extension Boom



514.1 Primary Extension Boom

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	8915GT	SCREW,HHC,1/4-20 X 1.25		32	1268830GT	KIT, JIB FILTRATION.....1 <i>Recommended field kit (including items 11, 12, and 16-18). Refer to 713.1 for an extra added hose</i>	
2	6356GT	WASHER,LOCK, .25					
3	6638GT	WASHER,FLAT,USS,1/4"Y					
4	106081PGT	COVER,TOP,PRIMARY EXT. PAINTED.....1					
5	101560GT	BEARING,2.00IDX2.25ODX1.63L.....2					
6	106165GT	FORMING,CABLE GUIDE,PRIMARY.....1					
7	6091GT	NUT,NYLOCK,1/4-20					
8	74254GT	SCREW,HHC,1/4-20 X 4.5					
9	4266GT	SCREW,HHC,1/4-20 X 2					
10	106135GT	CLAMP,PRIMARY.....1					
11	60334GT	FILTER ASSY,HIGH PRESS SAE-12* (Part of kit 1268830)					
12	1268499GT	FORMING, FILTER BRACKET (Part of kit 1268830)					
13	18596GT	WASHER,FLAT,1.56 X 2.5 X .061.....2					
14	81347GT	WELDMENT,TRACK PULL TUBE PIVOT.....1					
15	42079GT	PIN,COTTER,.156 X 2.5.....2					
16	824029GT	NUT, TL FLG, 3/8-16, G, ZAG (Part of kit 1268830)					
16	824092GT	SCREW,HHF,3/8-16X1.5,8,ZAG (before instaling kit 1268830)					
17	4828GT	NUT,NYLOCK,3/8-16 (before instaling kit 1268830)					
17	824093GT	SCREW,HHF,3/8-16X1.75,8,ZAG (Part of kit 1268830)					
18	1256857GT	SCREW,HHF,3/8-16X.625,8,ZAG (Part of kit 1268830)					
19	94806GT	PIN,2.00DIA X 8.77LG,2RING.....1					
20	1253815GT	SNAP RING,EXTERNAL,2.00,ZAG.....2					
21	88345GT	PIN,1.25DIA X 8.26LG,2RING.....1					
22	824164GT	SNAP RING,EXTERNAL,1.25,ZAG.....1					
23	60304GT	SHIM,WEAR PAD,7 X 3,12GA <i>as-needed</i>					
24	60840GT	SHIM,WEAR PAD,7 X 3,16GA <i>as-needed</i>					
25	60239GT	WEAR PAD,7 X 3 X .625 W/INSERT.....2					
26	107586GT	WEAR PAD,7X3X.50 W/NUTS.....4					
27	8255GT	SCREW,HHC,3/8-16 X .75					
28	6021GT	WASHER,LOCK,.375					
29	6175GT	SCREW,HHC,3/8-16 X 1					
30	88648GT	WEAR PAD,7X3X.625 W/NUTS.....2					
31	119847GT	ASSEMBLY,PRIMARY EXT.Boom***.....1 <i>Includes item 5</i>					

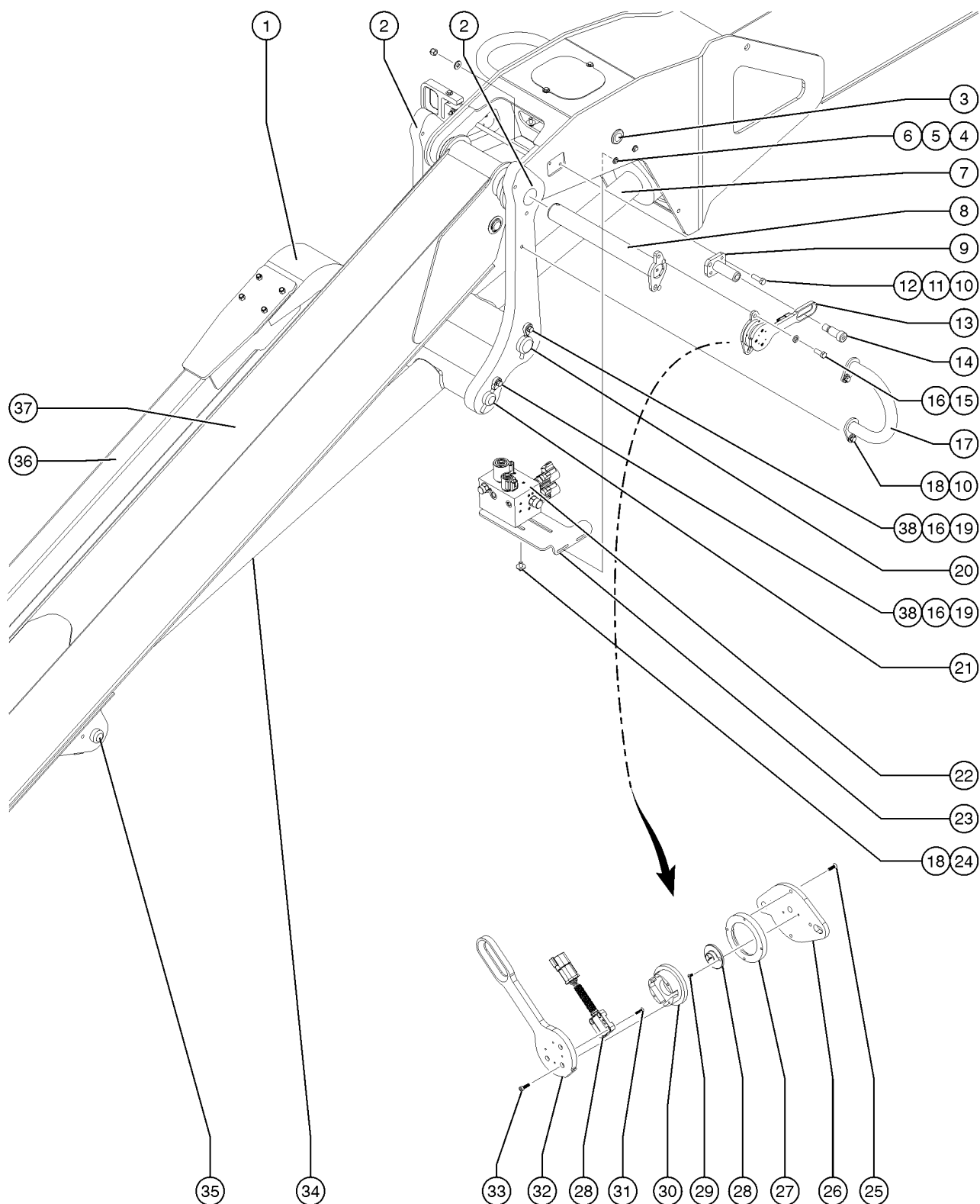
515.1 Bellcrank, Bellcrank Level Cylinder and Jib Boom Lift Cylinder (to SN 1853)



515.1 Bellcrank, Bellcrank Level Cylinder and Jib Boom Lift Cylinder (to SN 1853)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	107522GT	COVER,HOSE & CABLE, 70 INCH <i>protects hoses between the primary and jib booms</i>		25	47666GT	PIN,1.50DIAX9.13LG,1HOLE.....1	
1		Ref. Jib Boom Cable Track (refer to 516.1)		26		Ref. Jib Cable Track Pull Tube (refer to 516.1)	
2	61920PGT	Jib Boom Bellcrank.....2		27	106674GT	JIB PRIMARY TUBE ASSEMBLY***.....1 <i>includes bearings</i>	
3	106923GT	GROMMET,RUBBER .38X1.38X1.0.....2		28	119527GT	FORMING,BCRANK ROTATE SW CVR.....1	
4	8915GT	SCREW,HHC,1/4-20 X 1.25		--	6090GT	SCREW,HHC,1/4-20 X .75	
5	6638GT	WASHER,FLAT,USS,1/4"Y		--	6356GT	WASHER,LOCK,.25	
6	6091GT	NUT,NYLOCK,1/4-20		--	6638GT	WASHER,FLAT,USS,1/4"Y	
7	106519GT	CYLINDER,BELLCRANK LEVELING.....1		29	8915GT	SCREW,HHC,1/4-20 X 1.25	
--	106532GT	SEAL KIT,CYL.106519		--	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
--	33428GT	VALVE,COUNTERBALANCE		30	6638GT	WASHER,FLAT,USS,1/4"Y	
--	42014GT	BEARING,2.00IDX2.25ODX2.00L		--	6097GT	WASHER,FLAT,USS,3/8",Y	
8	101713GT	WELD.BCRANK ROTARY SENSOR PIN.....1		31	6091GT	NUT,NYLOCK,1/4-20	
9	101599GT	KEY,BALL POINT HEX.....1		--	4828GT	NUT,NYLOCK,3/8-16	
10	101709GT	MACH,BELLCRANK ROT SENSOR BRKT.....1		32	825019GT	ROD END,.375X3.69,ZAG	
--	128358GT	MACH,BELLCRANK ROT SENSOR BRKT					
11	22541GT	SCREW,RHM,10-32 X 1.5					
12	6178GT	NUT,NYLOCK,10-32					
13	106688GT	WELDMENT,PROTECTION BAR.....1					
14		Ref. SENSOR,DUAL OUTPUT,ANGLE...1 <i>(calibration required after replacement). Older sensor part 94980 is no longer available. For first time replacement order kit 217313, 824589, or 824692 (refer to 515.2)</i>					
--	217313GT	KIT,Z135 BELL CR ANGLE SEN. <i>from SN 659</i>					
--	824589GT	KIT,Z135 BELL CR. ANGLE SEN <i>from SN 327 to 658</i>					
--	824692GT	KIT,Z135 BELL CR. ANGLE SEN. <i>to SN 326</i>					
15	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5					
16	6021GT	WASHER,LOCK,.375					
17	6097GT	WASHER,FLAT,USS,3/8",Y					
18	8516GT	SCREW, HCC, 3/8-16 X 1.50					
19	94804GT	PIN,2.00DIAX17.06LG,2HOLE.....1					
20	94803GT	PIN,1.50DIAX17.06LG,2HOLE.....1					
21		Ref. Jib Boom Manifold (refer to 704.1)					
22	106074GT	BRACKET,MANIFOLD,EXT.BOOM.....1					
23	94195GT	SCREW,HHC,3/8-16 X .75,GR 8					
24	61817GT	CYLINDER,LIFT,JIB BOOM.....1					
--	61602GT	VALVE,COUNTERBAL.CBBB-LHN@3500					
--	88280GT	BEARING,1.5IDX1.75ODX0.75L					
--	94203GT	SEAL KIT,CYL					

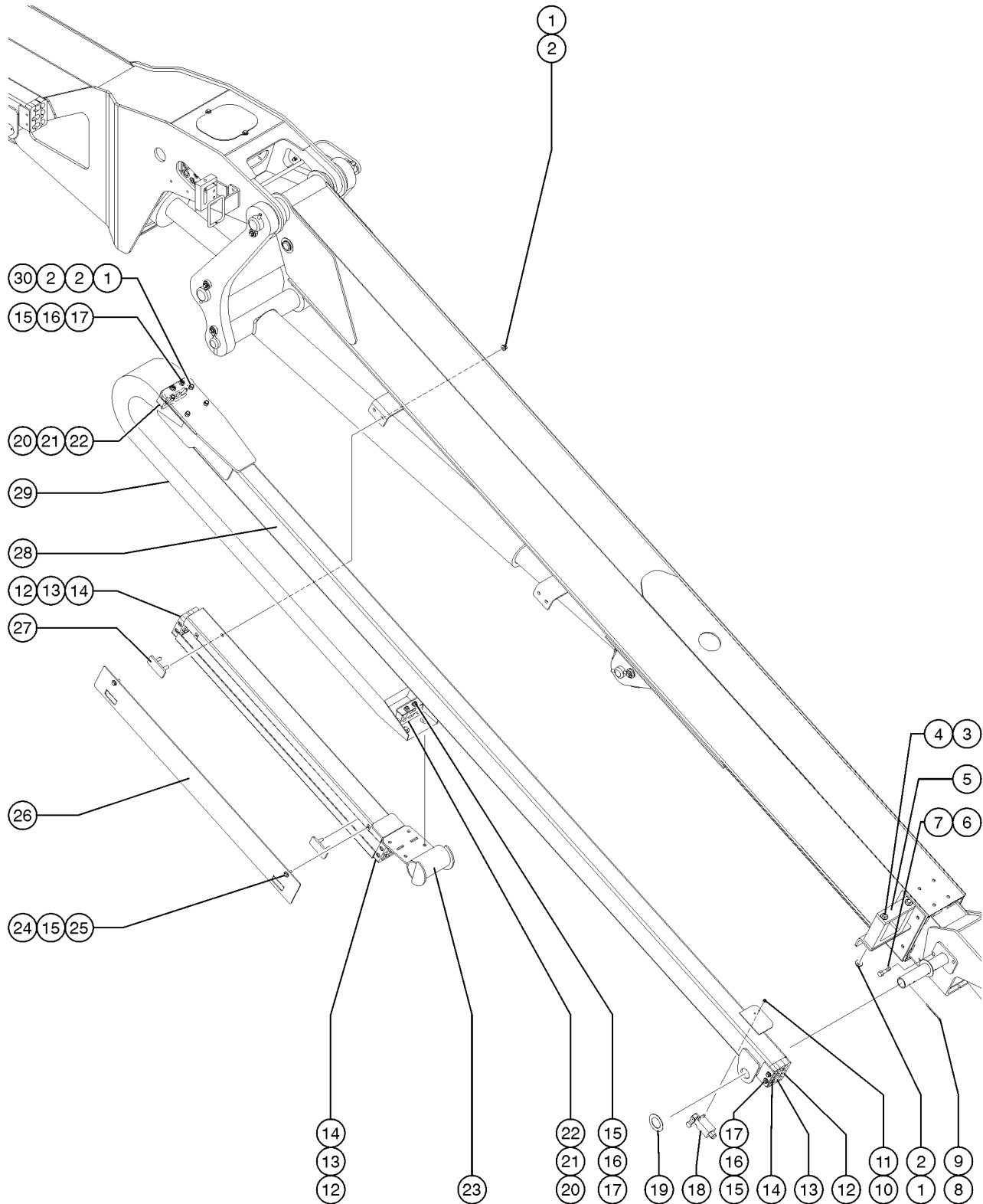
515.2 Bellcrank, Bellcrank Level Cylinder and Jib Boom Lift Cylinder (from SN 1854)



515.2 Bellcrank, Bellcrank Level Cylinder and Jib Boom Lift Cylinder (from SN 1854)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	107522GT	COVER,HOSE & CABLE, 70 INCH <i>Protects hoses between the primary and jib booms</i>		32	233116GT	MACHINED, SENSOR ARM	
1		Ref. Jib Boom Cable Track <i>(Refer to 516.1)</i>		33	217219GT	SCREW,SHC,M4-0.7X14 DIN912,12.9,ZAB	
2	61920PGT	Jib Boom Bellcrank.....2		34	61817GT	CYLINDER,LIFT,JIB BOOM.....1	
3	106923GT	GROMMET,RUBBER .38X1.38X1.0.....2		--	61602GT	VALVE,COUNTERBAL.CBBB-LHN@3500	
4	8915GT	SCREW,HHC,1/4-20 X 1.25		--	88280GT	BEARING,1.5IDX1.75ODX0.75L	
5	6638GT	WASHER,FLAT,USS,1/4"Y		--	94203GT	SEAL KIT,CYL	
6	6091GT	NUT,NYLOCK,1/4-20		35	47666GT	PIN,1.50DIAX9.13LG,1HOLE.....1	
7	106519GT	CYLINDER,BELLCRANK LEVELING.....1		36		Ref. Jib Cable Track Pull Tube <i>(Refer to 516.1)</i>	
--	106532GT	SEAL KIT,CYL.106519		37	106674GT	JIB PRIMARY TUBE ASSEMBLY***.....1 <i>Includes bearings</i>	
--	33428GT	VALVE,COUNTERBALANCE		38	825019GT	ROD END,.375X3.69,ZAG	
--	42014GT	BEARING,2.00IDX2.25ODX2.00L					
8	101713GT	WELD.BCRANK ROTARY SENSOR PIN.....1					
9	233118GT	WLDT, SENSOR ROTATOR #2					
10	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5					
11	5397GT	WASHER,FLAT,USS,5/16",Y					
12	4828GT	NUT,NYLOCK,3/8-16					
13	217293GT	ASSY,ANGLE SEN.,Z135 BELL CR <i>(Complete) Includes items 25 to 33; calibration required after replacement, (included in kits 217313, 824589 and 824692, refer to 515.1)</i>					
14	217234GT	SCREW,SHS,3/4X1.25X5/8-11,ZAG					
15	6175GT	SCREW,HHC,3/8-16 X 1					
16	6021GT	WASHER,LOCK,.375					
17	106688GT	WELDMENT,PROTECTION BAR.....1					
18	6097GT	WASHER,FLAT,USS,3/8",Y					
19	8516GT	SCREW, HCC, 3/8-16 X 1.50					
20	94804GT	PIN,2.00DIAX17.06LG,2HOLE.....1					
21	94803GT	PIN,1.50DIAX17.06LG,2HOLE.....1					
22		Ref. Jib Boom Manifold <i>(Refer to 704.1)</i>					
23	106074GT	BRACKET,MANIFOLD,EXT.BOOM.....1					
24	94195GT	SCREW,HHC,3/8-16 X .75,GR 8					
25	217217GT	SCREW,FHSCS,M4-0.7X14 CL10.9					
26	226487GT	MACHINED, BELL CR SEN. BASE					
27	226491GT	MACHINED, ANGLE SENSOR RACE					
28	216061GT	SENSOR, ANGLE, 180 DEG, CW <i>Sensor and magnet are matched and must be replaced at the same time. Machine calibration is required after installation.</i>					
29	237242GT	SCREW,FHS,M3-0.5X8,DIN7991,10.9,ZAB					
30	226492GT	MACHINED, ANGLE SENSOR HOLDER					
31	237241GT	SCREW,FHS,M3-0.5X14,DIN7991,10.9,ZAB					

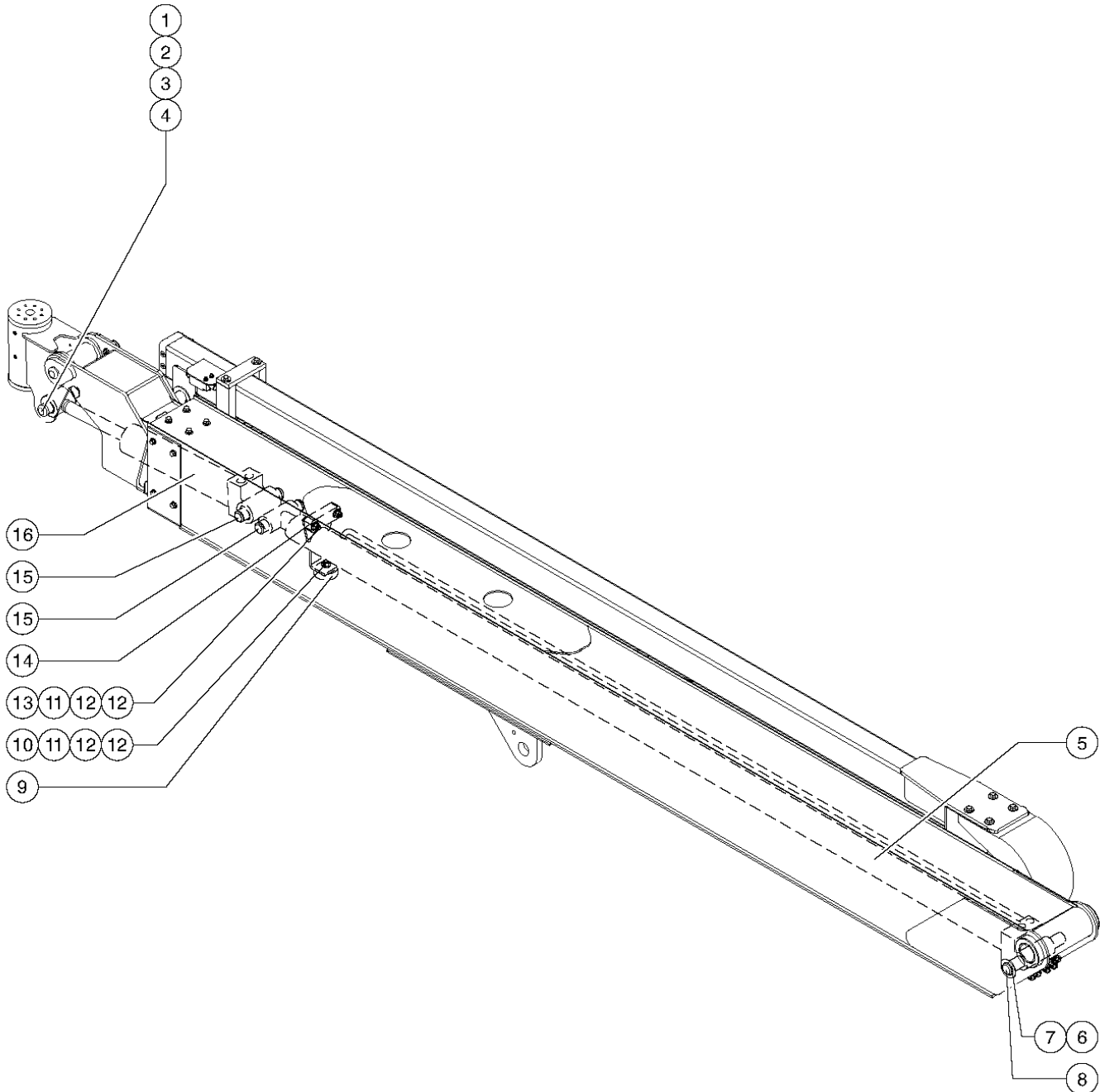
516.1 Jib Boom Cable Track



516.1 Jib Boom Cable Track

Item	Part No.	Description	Qty.
1	4828GT	NUT,NYLOCK,3/8-16	
2	6097GT	WASHER,FLAT,USS,3/8",Y	
3	81777GT	SCREW,HHC,3/8-16 X 7	
4	6097GT	WASHER,FLAT,USS,3/8",Y	
5	81342GT	WEAR PAD,5.5 X 1.75 X .5.....1	
--	81341GT	WEAR PAD,CABLE TRACK PULL TUBE.....1	
6	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
7	4828GT	NUT,NYLOCK,3/8-16	
8	42079GT	PIN,COTTER,.156 X 2.5	
9	81347GT	WELDMENT,TRACK PULL TUBE PIVOT	
10	6178GT	NUT,NYLOCK,10-32	
11	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5	
12	101106GT	CLAMP ASSY.OPTIONS BLOCK W/NUT.....4	
13	101108GT	CABLE STAY,BOTTOM.....4	
14	101109GT	CABLE STAY,TOP.....4	
15	36294GT	SCREW,HHC,1/4-20 X 2.75	
16	6638GT	WASHER,FLAT,USS,1/4"Y	
17	6091GT	NUT,NYLOCK,1/4-20	
18	110911GT	SWITCH ASSY,LIMIT LSJ1RO.....1	
--	~~110714223GT~~	SWITCH,LIMIT, W/ROLLER NO/NC	
--	119065GT	CONN,RECEP 2 WAY ENDCAP DT	
--	43960GT	WIRE CABLE,16/4 CON.TPE JKT.....40-inches	
--	60439GT	LOCK,RECEP 2 WAY, 14-18GA	
--	73713GT	TERM,NI PIN,S&F,16-18GA,REEL	
19	18596GT	WASHER,FLAT,1.56 X 2.5 X .061	
20	107868PGT	PLATE,REINF.CLAMP STACK,PTD.....2 <i>from SN 379</i>	
21	101108GT	CABLE STAY,BOTTOM.....2 <i>from SN 379</i>	
22	101109GT	CABLE STAY,TOP.....2 <i>from SN 379</i>	
23	101099GT	WELDMENT,CABLE TRACK SUPPORT.....1	
24	6888GT	SCREW,HHC,1/4-20 X 1	
25	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
26	101772GT	PLATE,CABLE TRACK COVER.....1	
27	101104GT	PLATE,CABLE TRACK MOUNT.....2	
--	60790GT	BOLT, CARRIAGE, 3/8-16 X 1.50, G5	
28	101112GT	WELDMENT,JIB PULL TUBE.....1	
29	94775GT	CABLE TRACK,STEEL 15 LINKS.....1	
30	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	

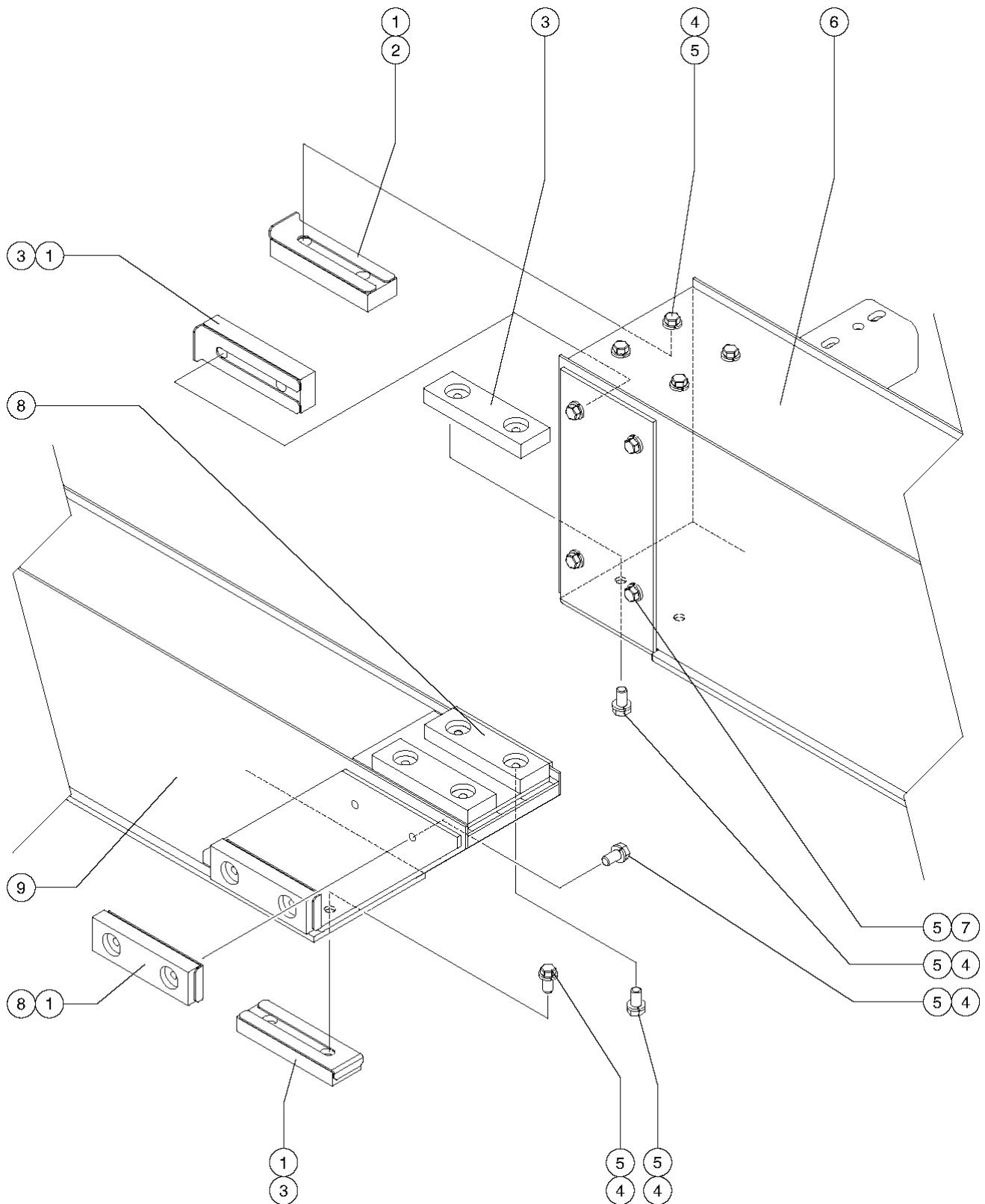
517.1 Jib Boom Extension and Platform Level Cylinders



517.1 Jib Boom Extension and Platform Level Cylinders

Item	Part No.	Description	Qty.
1	T108075GT	PIN,1.25DIA X 5.25LG,1HOLE.....	1
2	1255452GT	ROD END,.375 X 2.25,ZAG.....	1
3	6175GT	SCREW,HHC,3/8-16 X 1	
4	7713GT	NUT, LP NYLOCK, 3/8-16	
5	94653GT	CYLINDER,JIB EXTENSION.....	1
--	50701GT	VALVE,COUNTERBALANCE,2:1 3000 units with previous CB valves 89872 or 128119 (shorter in length) can use this valve	
--	54063GT	VALVE,CB.CBBC-LHN@1000***	
--	94194GT	SEAL KIT,Z135 JEXT (94653)	
6	824164GT	SNAP RING,EXTERNAL,1.25,ZAG	
7	30255GT	WASHER,SHIM,1.27 X 2.13 X .062	
8	T108079GT	PIN,1.25DIA X 8.30LG,2RING.....	1
9	74085GT	REST PAD,UPPER PIVOT Z30N.....	1
10	8516GT	SCREW, HCC, 3/8-16 X 1.50	
11	4828GT	NUT,NYLOCK,3/8-16	
12	6097GT	WASHER,FLAT,USS,3/8",Y	
13	5224GT	SCREW,HHC,3/8-16 X 2	
14	71858GT	WEAR PAD,4.25 X 1.5 X 1.....	1
15	50546GT	PIN,1.25DIA X 6.36LG,2RING.....	2
16	61816GT	CYLINDER,PLATFORM LEVELING..... to SN 458	1
--	110580GT	CYLINDER,PLATFORM LEVELING***..... from SN 459	1
--	47377GT	BEARING,1.25 ID X 1.5 OD X .75.....	4
--	61602GT	VALVE,COUNTERBAL.CBBB-LHN@3500	
--	94193GT	SEAL KIT,CYL.....	2

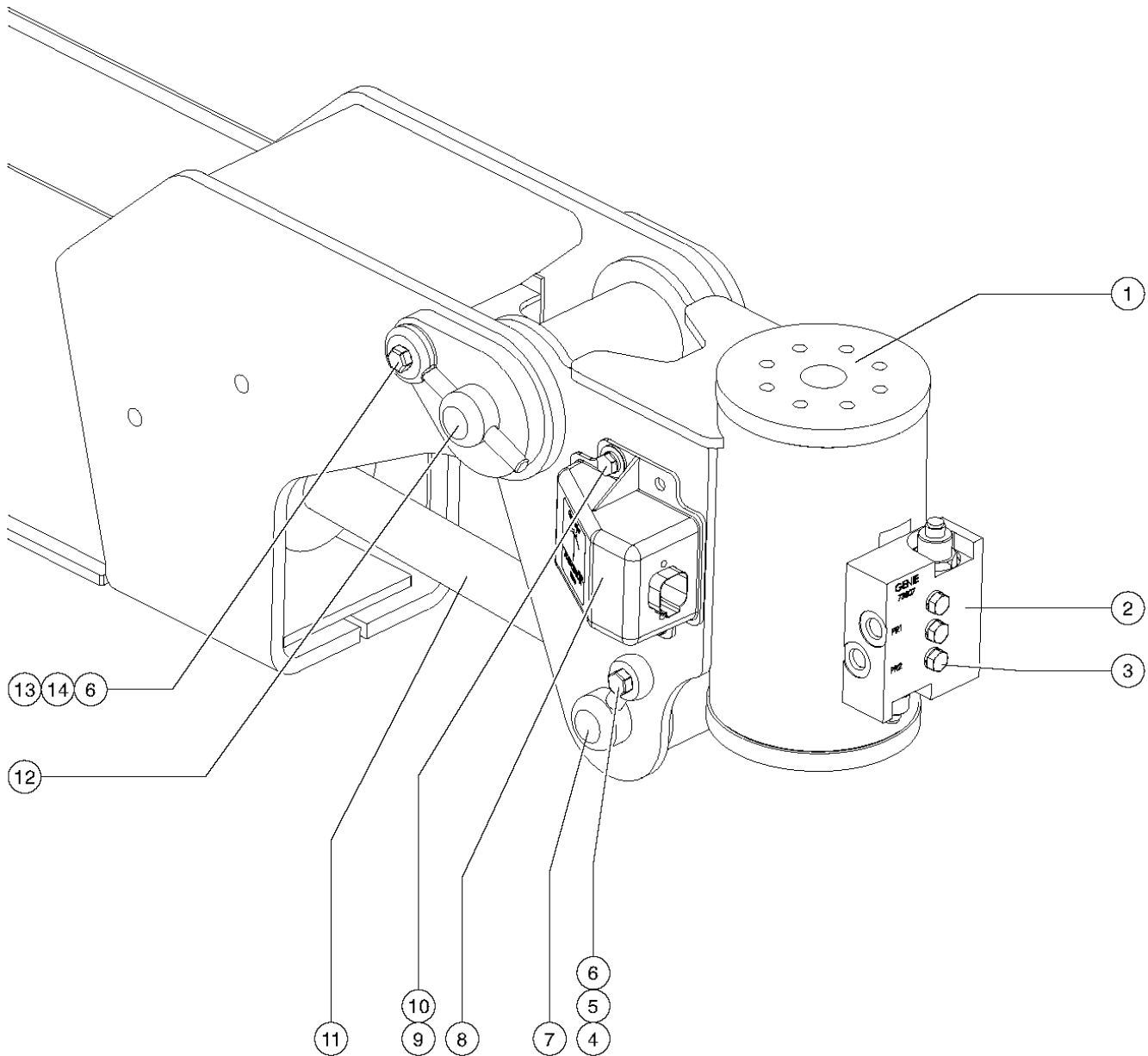
518.1 Jib Boom Tubes and Wear Pads



518.1 Jib Boom Tubes and Wear Pads

Item	Part No.	Description	Qty.
1	29080GT	SHIM,WEAR PAD,5X 1.5 16GA.....as-needed	
--	42502GT	SHIM,SIDE PAD 22GA.....as-needed	
2	30138GT	WEAR PAD,5 X 1.5 X .625 W/NUTS.....2	
3	34125GT	WEAR PAD,5 X 1.5 X .75 W/NUTS.....8	
4	8255GT	SCREW,HHC,3/8-16 X .75	
5	6021GT	WASHER,LOCK, .375	
6	106674GT	JIB PRIMARY TUBE ASSEMBLY*** <i>includes bearings</i>	
--	42014GT	BEARING,2.00IDX2.25ODX2.00L	
7	6175GT	SCREW,HHC,3/8-16 X 1	
8	30137GT	WEAR PAD,5 X 1.5 X .50 W/NUTS.....6	
9	106673GT	JIB EXT TUBE W/DECAL.....1 <i>USA, Canada, Australia; to SN 458</i>	
9A	110627GT	JIB EXT.TUBE W/DECAL <i>USA, Canada, Australia; from SN 459</i>	
9B	94555GT	WELDMENT,JIB EXTENSION*** <i>Europe, Asia, South America; to SN 458</i>	
9C	106675GT	JIB EXTENSION TUBE ASSEMBLY <i>Europe, Asia, South America; from SN 459</i>	

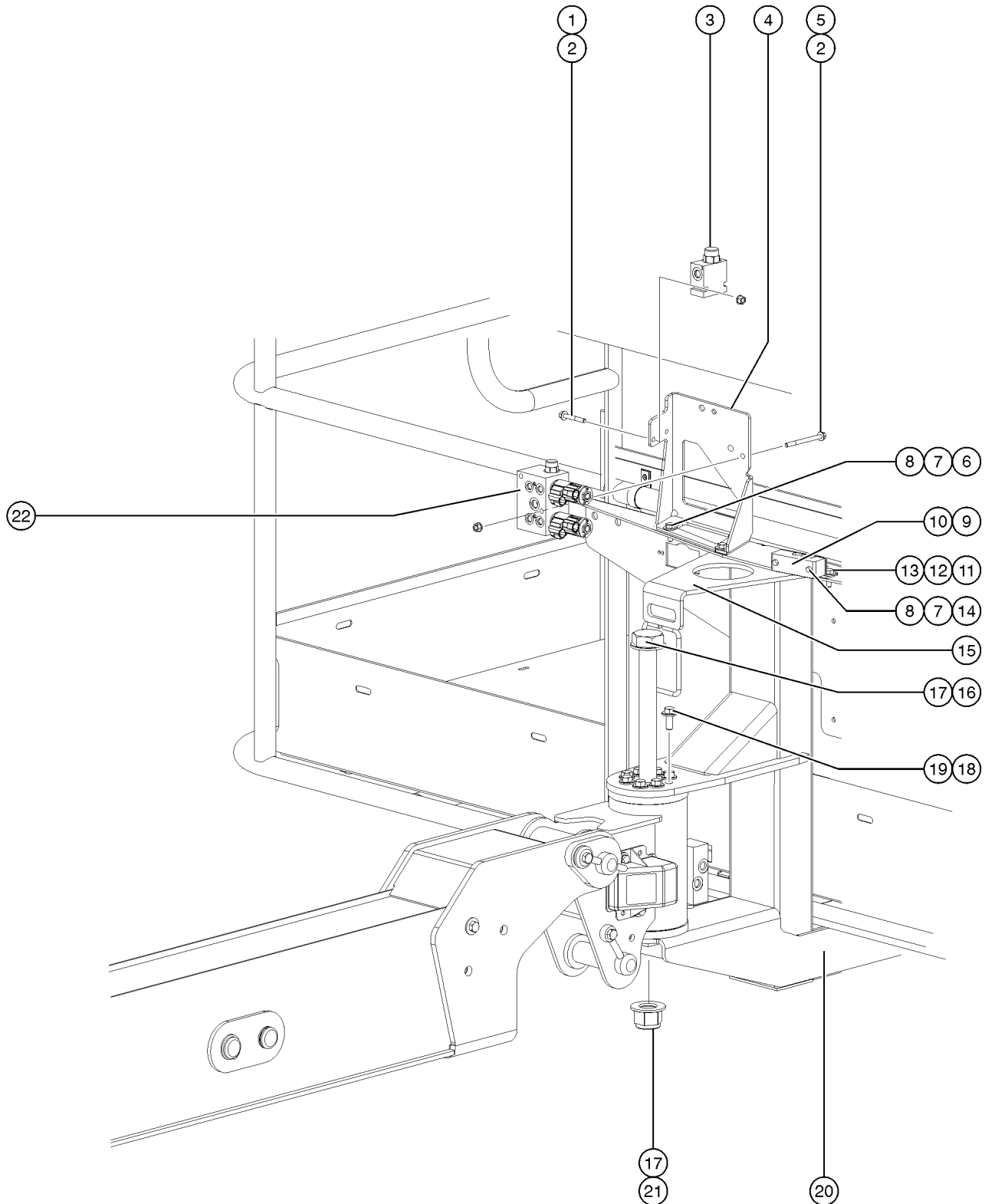
519.1 Platform Rotator



519.1 Platform Rotator

Item	Part No.	Description	Qty.
1	88576GT	ROTATOR, NON-JIB.....1 <i>88576 is the correct rotator for the Z-135.</i>	
--	122944GT	SEAL KIT, 8K ROTATOR***	
2		Ref. Counterbalance Manifold (refer to 707.1)	
3	6637GT	SCREW, HHC, 1/4-20 X 1.75	
4	6175GT	SCREW, HHC, 3/8-16 X 1	
5	1255452GT	ROD END, .375 X 2.25, ZAG	
6	4828GT	NUT, NYLOCK, 3/8-16	
7	T108075GT	PIN, 1.25DIAX5.25LG, 1HOLE.....1	
8	50813GT	SENSOR, TILT, PCON (PLASTIC)****.....1	
9	8914GT	SCREW, HHC, 1/4-20 X .625	
10	6638GT	WASHER, FLAT, USS, 1/4"Y	
11		Ref. Platform Level Cylinder (refer to 517.1)	
12	T107883GT	PIN, 1.25DIAX7.88LG, 1HOLE.....1	
13	39478GT	SCREW, HHC, 3/8-16 X 2 FULL THRD	
14	825019GT	ROD END, .375X3.69, ZAG	

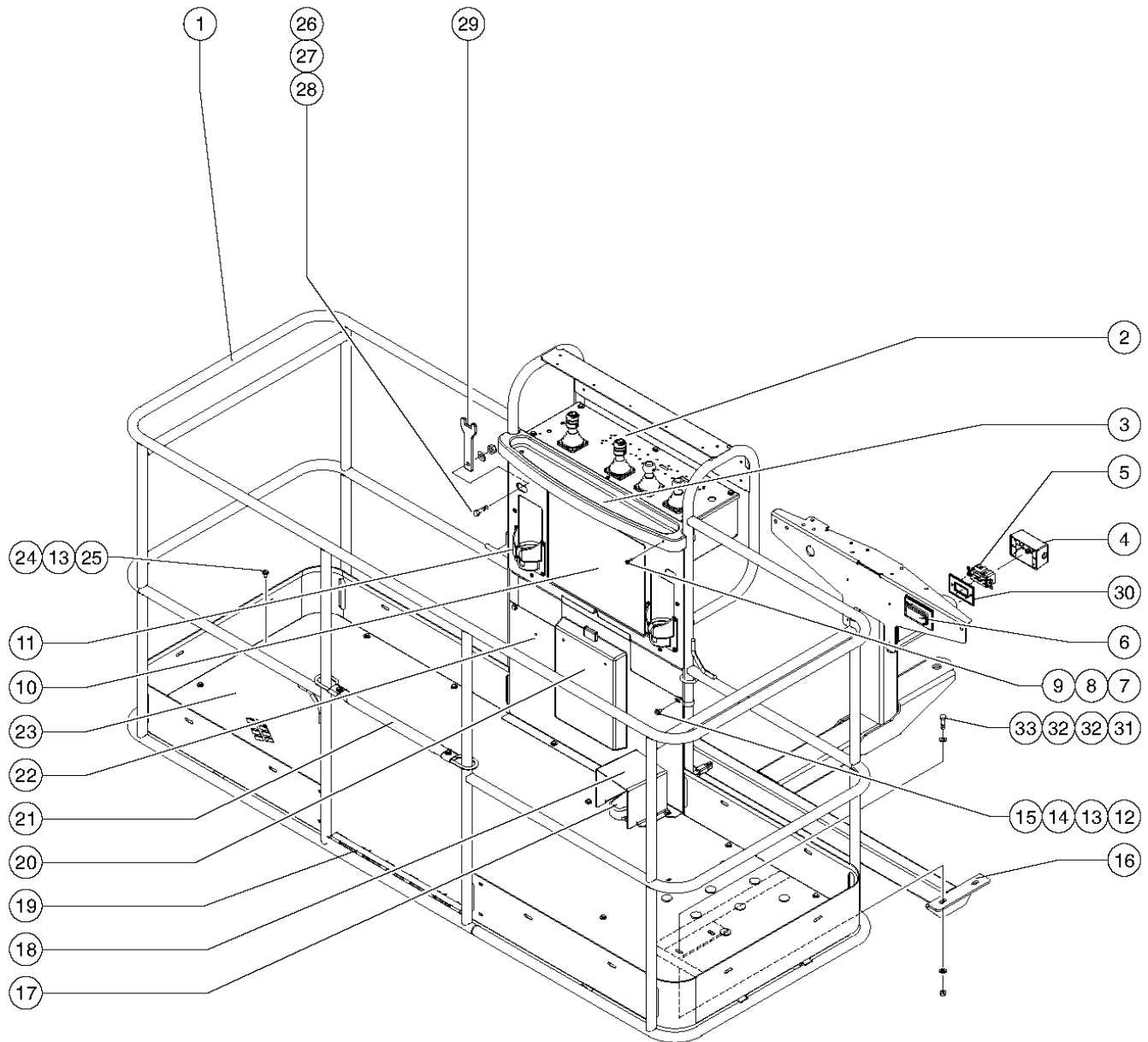
601.1 Platform Mount



601.1 Platform Mount

Item	Part No.	Description	Qty.
1	824082GT	SCREW,HHF,1/4-20X1.75,8,ZAG	
2	824027GT	NUT,TL FLG,1/4-20,G,ZAG	
3	1261078GT	ASSY,.5 GPM PRESSURE COMP VALV.....1	
4	1260641GT	WELDMENT,MANIFOLD MOUNT.....1	
5	824084GT	SCREW,HHF,1/4-20X3,8,ZAG	
6	6888GT	SCREW,HHC,1/4-20 X 1	
7	6638GT	WASHER,FLAT,USS,1/4"Y	
8	6091GT	NUT,NYLOCK,1/4-20	
9	106857GT	CLAMP,CABLE STRAIN RELIEF.....1	
10	77993GT	BRACKET, CABLE STRAIN RELEIF.....1	
11	13002GT	SCREW,HHC,5/16-18 X 1 GR5	
12	5397GT	WASHER,FLAT,USS,5/16",Y	
13	6037GT	NUT,HEX,5/16-18,GR5	
14	4266GT	SCREW,HHC,1/4-20 X 2	
15	110531GT	KIT, CABLE GUIDE.....1	
--	55067GT	GROMMET,RUBBER 3 X .19 X 3.5	
16	73928GT	SCREW,HHC,1-8 X 11,GRD 5***.....1	
17	122079GT	WASHER,FLAT,1.000,HARDENED.....2	
18	49857GT	SCREW,HHC,3/8-16 X .88,GRD 8.....8	
19	57201GT	WASHER,FLAT,313, HARDENED.....8	
20	60370-SGT	PLATFORM SUPPORT WELDMNT-SERV*.....1	
--		Ref. WELDMENT,PLATFORM SUPPORT,CE CE models (refer to 804.1)	
21	29764GT	NUT,NYLOCK,1-8	
22		Ref. Platform Manifold (Refer to 708.1)	

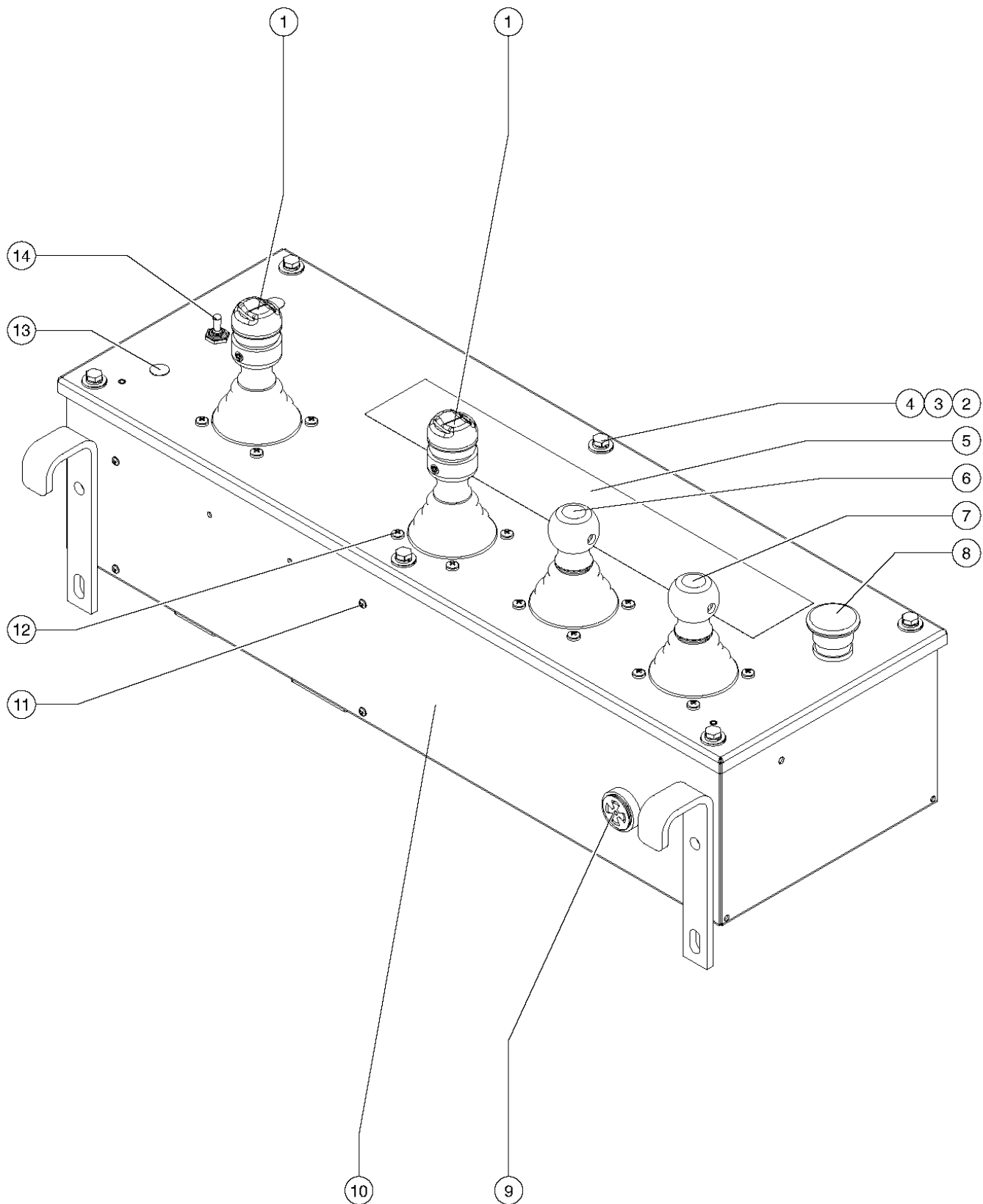
602.1 Platform Configurations



602.1 Platform Configurations

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	107779GT	PLATFORM ASSY COMP,6FT ANSI <i>Platform Assemblies with Word Decals; USA and Canada</i>		--	107795GT	DECAL PLATE W/SYMBOL DECALS <i>Europe, Asia, South America</i>	
--	107780GT	PLATFORM ASSY COMP,8FT,ANSI <i>Platform Assemblies with Word Decals; USA and Canada</i>		11	60474GT	CUP HOLDER,PLASTIC.....	2
--	107783GT	PLATFM ASSY COMP,6FT,AUSTRALIA <i>Platform Assemblies with Word Decals; Australia</i>		12	8914GT	SCREW,HHC,1/4-20 X .625	
--	107784GT	PLATFM ASSY COMP,8FT,AUSTRALIA <i>Platform Assemblies with Word Decals; Australia</i>		13	6638GT	WASHER,FLAT,USS,1/4"Y	
--	107781GT	PLATFORM ASSY COMP,6FT, CE/UK <i>Assemblies with Symbol Decals; Europe</i>		14	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION.....	6
--	107782GT	PLATFORM ASSY COMP,8FT,CE/UK <i>Assemblies with Symbol Decals; Europe</i>		15	6091GT	NUT,NYLOCK,1/4-20	
--	107785GT	PLATFM ASSY COMP,6FT,ASIA/S.AM <i>Asia and South America</i>		16		Ref. Platform Support (refer to 601.1)	
--	107786GT	PLATFM ASSY COMP,8FT,ASIA/S.AM <i>Asia and South America</i>		17	228465GT	KIT, FOOTSWITCH, SUPERBOOM..... <i>Pervious foot switch is no longer available. Order kit 228465 for first time replacement (kit includes foot switch 227515); to SN 1488</i>	1
1	107771GT	PLATFORM RAIL ASSY, 6FT ANSI..... <i>USA and Canada</i>	1	--	227515GT	ASSEMBLY,FOOT SWITCH <i>from SN 1489</i>	
--	107772GT	PLATFORM RAIL ASSY, 8FT ANSI <i>USA and Canada</i>		--	33576GT	CONN,SQZ,BLK,1/2NPT,.38-.50,SM	
--	107773GT	PLATFORM RAIL ASSY, 6FT CE/UK..... <i>Europe</i>	1	18	73931GT	GUARD,FOOTSWITCH,W/DECAL ALUM..... <i>USA, Canada, Australia, to SN 1162</i>	1
--	107774GT	PLATFORM RAIL ASSY, 8FT CE/UK <i>Europe</i>		--	147221GT	GUARD,FOOTSWITCH,W/DECAL ALUM <i>USA, Canada, Australia, from SN 1163</i>	
--	107775GT	PLAT RAIL ASSY, 6FT AUSTRALIA..... <i>Australia</i>	1	--	63766GT	COVER,FOOT SWITCH <i>Europe, Asia, South America, to SN 1162</i>	
--	107776GT	PLAT RAIL ASSY, 8FT AUSTRALIA <i>Australia</i>		--	147121GT	COVER, FOOT SWITCH, LARGE <i>Europe, Asia, South America, from SN 1163</i>	
--	107777GT	PLAT RAIL ASSY, 6FT ASIA/S.AM..... <i>Asia and South America</i>	1	19	73610PGT	STEP PLATFORM ENTRY PAINTED***.....	1
--	107778GT	PLAT RAIL ASSY, 8FT ASIA/S.AM <i>Asia and South America</i>		20A	44743GT	MANUAL BOX W/DECALS***..... <i>USA/Canada/Australia</i>	1
2		Ref. Platform Control Box (refer to 603.1 or 604.1)		20B	24514GT	BOX,INSTRUCTION STORAGE <i>Europe/Asia/South America (decals required; refer to Section100)</i>	
3	60476GT	TOOL HOLDER,PLASTIC.....	1	21	102992GT	SLIDING MIDRAIL KIT,PTD.....	1
--	60475GT	GUSSET,TOOL HOLDER,PLASTIC		22	107796GT	MANUAL BOX MOUNT W/WORD DECALS.....	1
4	10775GT	T-BOX, 2.75 x 4.5 x 2.0.....	1	23	73477PGT	FLOORING, 6'FT PLATFORM.....	1
5	13585GT	OUTLET, 110V.....	1	--	73478PGT	FLOORING,8 FT PLATFORM**	
6	10777GT	COVER,BLANK <i>Europe</i>		24	6090GT	SCREW,HHC,1/4-20 X .75	
6	45437GT	COVER,GFCI,WEATHERPROOF..... <i>USA/Canada</i>	1	25	56912GT	SPRING CLIP,1/4-20,.025-.15X.54,ZAG	
7	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75		26	8915GT	SCREW,HHC,1/4-20 X 1.25	
8	6146GT	WASHER,FLAT,MS,#10,Y		27	6097GT	WASHER,FLAT,USS,3/8",Y	
9	6178GT	NUT,NYLOCK,10-32		28	4828GT	NUT,NYLOCK,3/8-16	
10	107794GT	DECAL PLATE W/WORD DECALS..... <i>USA, Canada, Australia</i>	1	29	107860GT	PLATE,PLAT.CONTROL BOX SPACER.....	2
				30	74052GT	GASKET,COVER,GFCI,WEATHERPROOF.	1
				31	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
				32	5397GT	WASHER,FLAT,USS,5/16",Y	
				33	4828GT	NUT,NYLOCK,3/8-16	

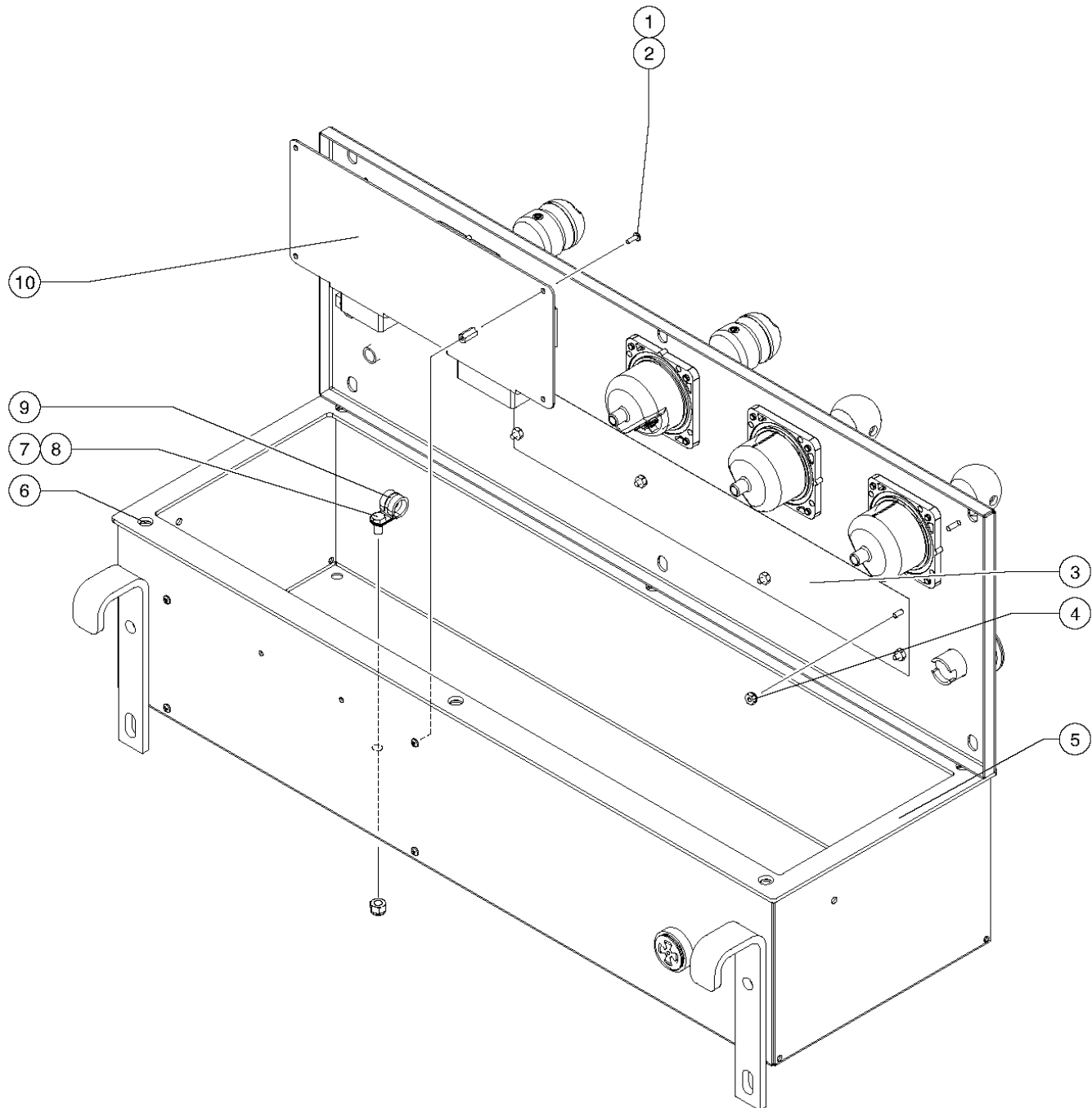
603.1 Platform Control Box, View 1



603.1 Platform Control Box, View 1

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	119613GT	HARN JOYSTICK ADAPTOR JS100 6-pin to 7-pin adapter (for 101174, 101175, 101005)		--	139338GT	SCREW PH M5-0.8X20 DIN 7500CE from SN 842	
1	101173GT	JOYSTICK,2 AXIS,ROCKER,DEUTSCH.....2 OEM joystick (calibration required after replacement)		13	45384GT	PLUG,NYLON .50 BLACK DOMED.....2	
1A	101173HGT	JOYSTICK,DUAL AXIS W/STEER aftermarket joystick (calibration required after replacement)		14	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM.....1 (Platform Level; includes boot and hardware)	
2	8914GT	SCREW,HHC,1/4-20 X .625		--	128580-SGT	SWITCH TOGGLE SPDT 3P MOM SHDR	
3	6356GT	WASHER,LOCK,.25		--	27246GT	BOOT,TOGGLE SWITCH,SHORT*	
4	6638GT	WASHER,FLAT,USS,1/4"Y		--	128578GT	SCREW T-SWITCH PH/PH 6-32X1/4	
5	107798GT	LID,PLAT CONTROL BOX W/DECAL.....1					
--	106509GT	DECAL,MEMBRANE,PLATFORM CONTRO					
--	82841GT	DECAL,PLATFORM CONTROL PANEL required when replacing membrane 106509					
--		Refer to 605.1 Optional kit for Toggle Switch Lid replacement					
6	101175GT	JOYSTICK,1 AXIS,DEUTSCH.....1 OEM joystick (calibration required after replacement)					
6A	101175HGT	JOYSTICK,SINGLE AXIS W/KNOB aftermarket joystick (calibration required after replacement)					
7	101174GT	JOYSTICK,2 AXIS,DEUTSCH.....1 OEM joystick, dual axis (calibration required after replacement)					
7	101174HGT	JOYSTICK,DUAL AXIS W/KNOB aftermarket joystick, dual axis (calibration required after replacement)					
7B	101005GT	JOYSTICK,1 AXIS ROCKER,DEUTSCH OEM joystick, single axis with rocker switch (calibration required after replacement)					
7B	101005HGT	JOYSTICK,SINGLE AXIS W/STEER aftermarket joystick, single axis with rocker switch (calibration required after replacement)					
8	122519GT	KIT,ESTOP SVC LARGE BOOM					
--	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD.....1					
--	66817GT	BASE WITH 1 NC CONTACT, E-STOP					
--	66818GT	CONTACT,NC					
--	146478GT	BOOT(BELLOWS),E-STOP,BLACK					
9	62379GT	ALARM,AUDIO,SUPERBOOM***.....1					
--	72326GT	NUT - PLASTIC,RING FOR ALARMS					
10	106513GT	CONTROL BOX ASSY,PCON					
11	81551GT	SCREW,PHIL,PHM,6-32 X 1/4 SS					
12	62385GT	SCREW,PHM,M5X.8X10MM SELF TAP to SN 841					

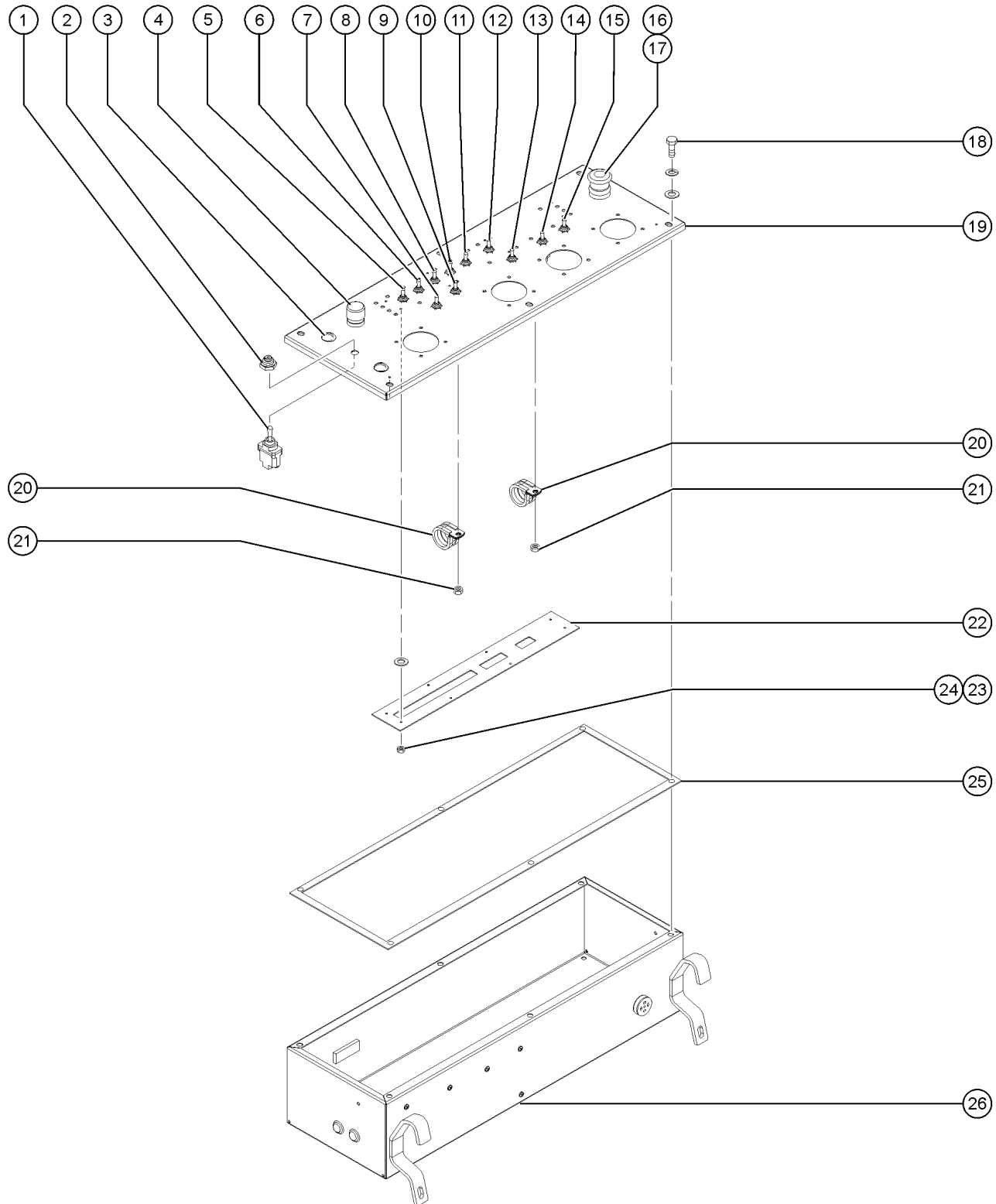
604.1 Platform Control Box, View 2



604.1 Platform Control Box, View 2

Item	Part No.	Description	Qty.
--	94966GT	HARNESS,PCON	
1	81551GT	SCREW,PHIL,PHM,6-32 X 1/4 SS	
2	110229GT	STANDOFF,6-32X1/2LX1/4 HEX NYL	
3	62399GT	PCB,MEMBRANE/LED,SB/Z80.....1	
4	62389GT	NUT,HEX,6/32 W/STAR WASHER	
5	81488GT	GASKET,PLATFORM CONTROL BOX....1	
6	23404GT	NUTSERT,1/4-20,STEEL CAD PLTD	
7	11808GT	SCREW,HHC,1/4-20 X .375	
8	6091GT	NUT,NYLOCK,1/4-20	
9	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH.....2	
10	217571GT	ASSY,SRV,PCB ASSY,ECM,PLT,V201.....1 <i>Machine model, serial number and software revision required when ordering. Please contact Genie Service Parts for assistance; to SN 1711</i>	
--	237072GT	PCB,ASSY,ECM,PLATFORM,V307 <i>Machine model, serial number and software revision required when ordering. Please contact Genie Service Parts for assistance; from SN 1712</i>	

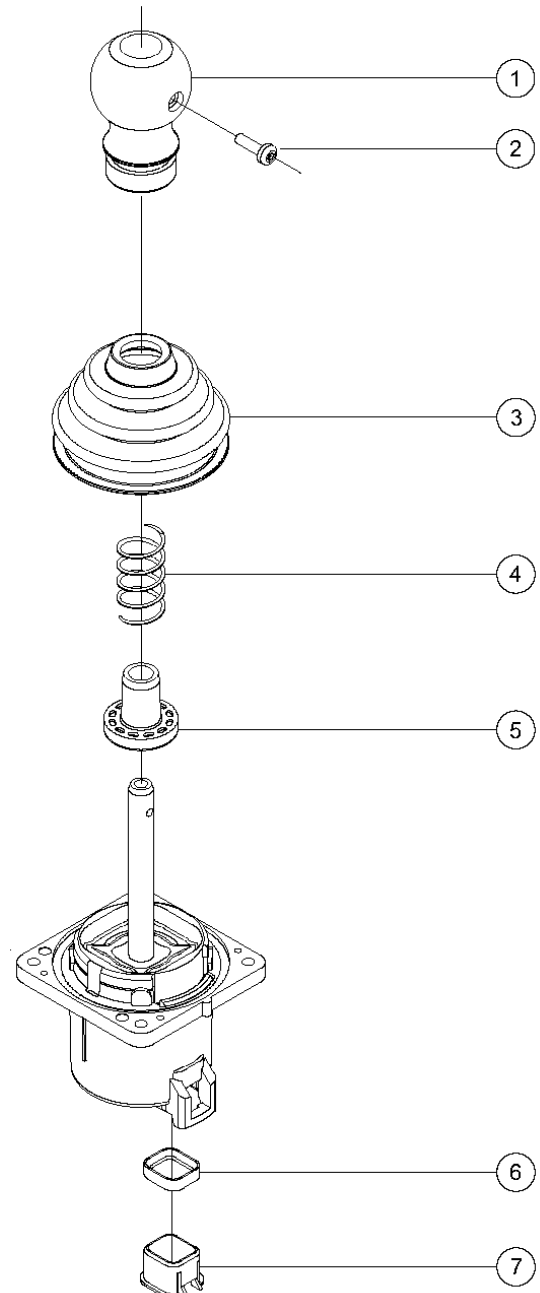
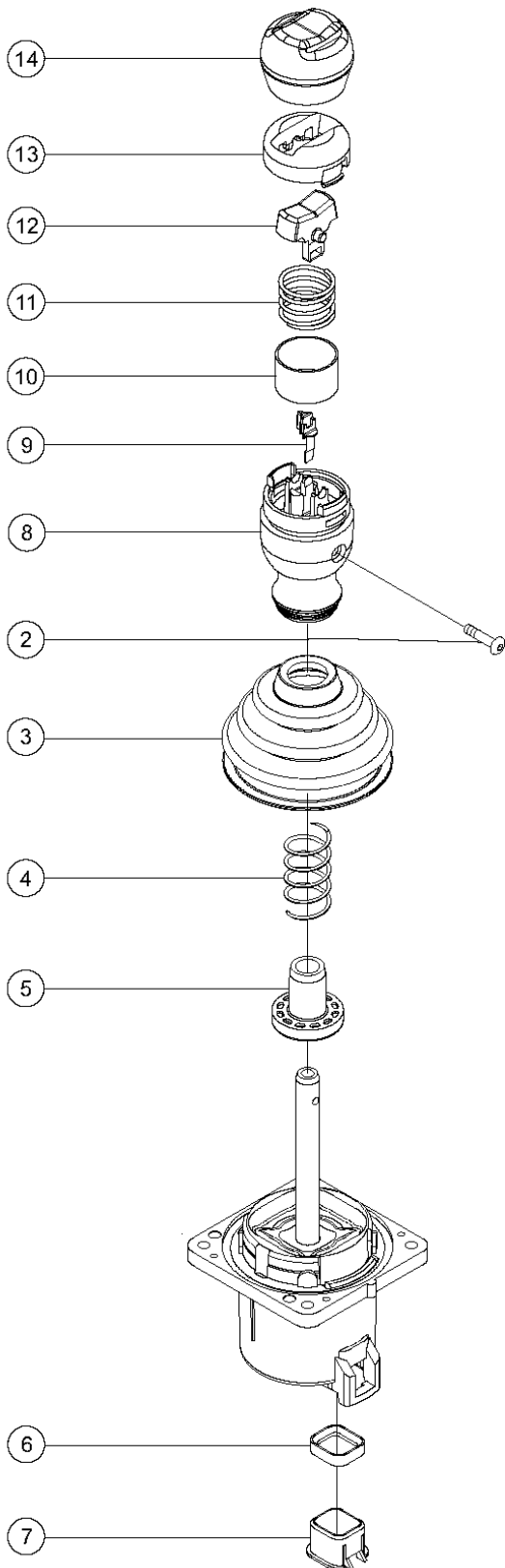
605.1 Toggle Switch Lid Option



605.1 Toggle Switch Lid Option

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	237224GT	KIT,TOGL SW PL BOX LID to SN 778		25	81488GT	GASKET,PLATFORM CONTROL BOX....1	
--	237225GT	KIT,TOGL SW PL BOX LID,ANSI from SN 779 to 2000		26		Ref. WELDMENT, PLATFORM CONTROL BOX (Refer to 603.1 and 604.1)	
--	237226GT	KIT,TOGL SW PL BOX LID,CE from SN 779 to 2000					
--	237227GT	KIT,TOGL SW PL BOX LID,AUS from SN 1512 to 2000					
1	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Platform Rotate Toggle Switch					
2	27246GT	BOOT,TOGGLE SWITCH,SHORT*.....1 Part of toggle switch 128200					
3	229567GT	PLUG, SANTOPRENE .5 BLACK DOME.....2					
4	66813GT	BUTTON,PUSH,BLACK W/SEAL***.....1					
5	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Optional equipment					
6	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Generator ON/OFF Toggle Switch					
7	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Drive Enable Toggle Switch					
8	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Emergency Power Switch					
9	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Axle Extend/Retract Toggle Switch					
10	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Glow Plug Switch					
11	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Engine Start Toggle Switch					
12	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Hi/Low RPM Toggle Switch					
13	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Drive Speed Toggle Switch					
14	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Steer Mode Toggle Switch					
15	128200GT	SWITCH TOGGLE ASSY SPDT 3P MOM Steer Mode Toggle Switch					
16	66812GT	BUTTON,PUSH,RED MUSHROOM HEAD.....1					
17	146478GT	BOOT(BELLOWS),E-STOP,BLACK.....1					
18		Ref. SCREW,HHC,1/4-20 X .75 (Refer to 603.1)					
19	229386GT	LID, PCON, TOG SW, Z135.....1 (No Toggle Switches)					
20	13268GT	CLAMP,0.75,#12 X 1/4,RUB CUSH.....2					
21	104030GT	NUT HEX M5-0.8 CLASS 8 ZINC					
22	232975GT	PCB, LED/TOGGLE SWITCH, ALC100...1					
23	12344GT	NUT,NYLOCK,6-32					
24	822224GT	WASHER, NYLON #10, 0.093					

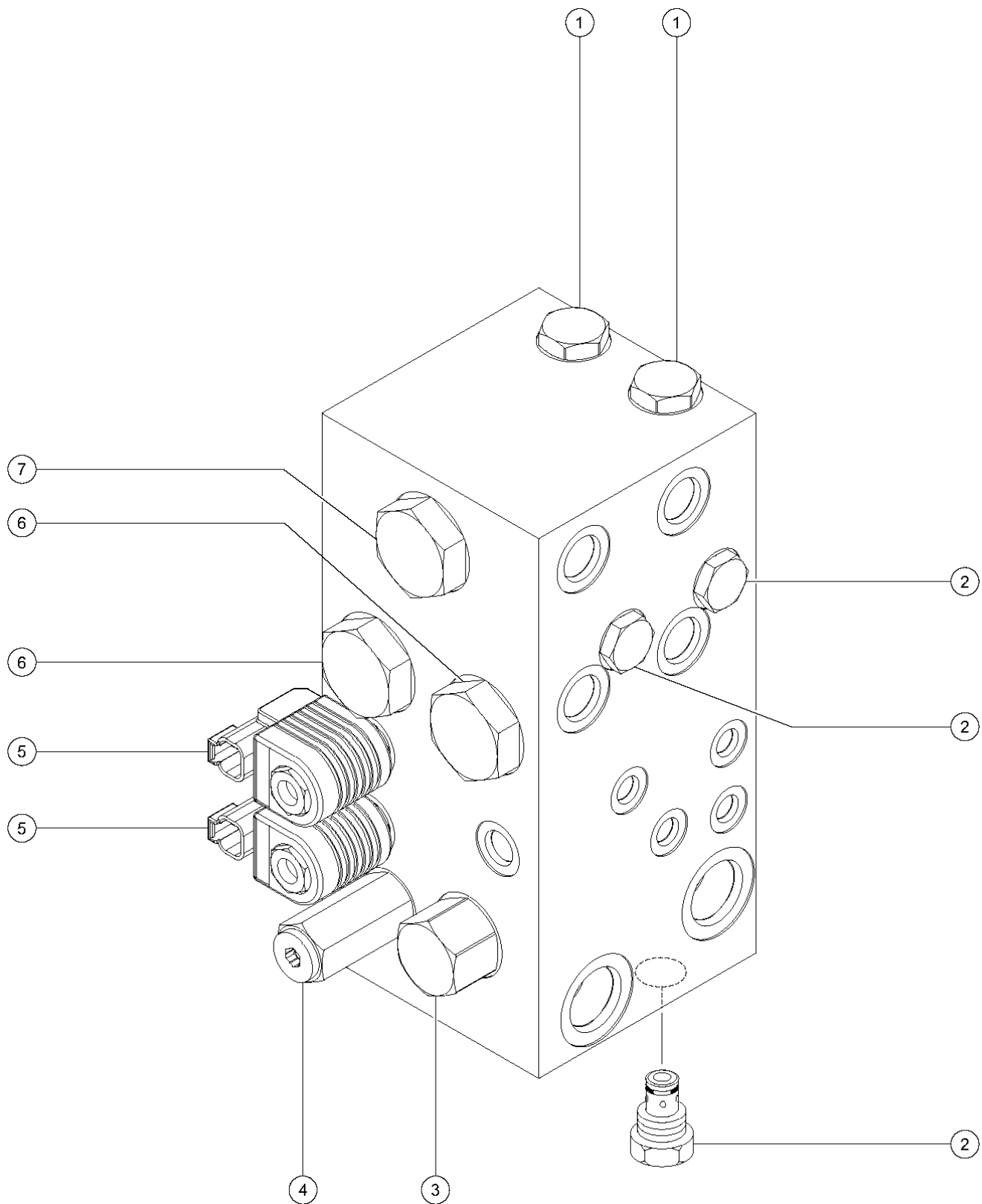
606.1 Joysticks



606.1 Joysticks

Item	Part No.	Description	Qty.
--	101173GT	JOYSTICK,2 AXIS,ROCKER,DEUTSCH (calibration required after replacement), OEM joystick	
--	101173HGT	JOYSTICK,DUAL AXIS W/STEER (calibration required after replacement), aftermarket joystick	
--	101174GT	JOYSTICK,2 AXIS,DEUTSCH (calibration required after replacement), OEM joystick	
--	101174HGT	JOYSTICK,DUAL AXIS W/KNOB (calibration required after replacement), aftermarket joystick	
--	101175GT	JOYSTICK,1 AXIS,DEUTSCH (calibration required after replacement), OEM joystick	
--	101175HGT	JOYSTICK,SINGLE AXIS W/KNOB (calibration required after replacement), aftermarket joystick	
--	101005GT	JOYSTICK,1 AXIS ROCKER,DEUTSCH (calibration required after replacement), OEM joystick	
--	101005HGT	JOYSTICK,SINGLE AXIS W/STEER (calibration required after replacement), aftermarket joystick	
--	83098GT	TERM,AMP MTE,SOC,22-26 GA BULK	
--	119613GT	HARN JOYSTICK ADAPTOR JS100 6-pin to 7-pin adapter (for 101174, 101175, 101005)	
Z	1269502GT	KIT, ISOLATION, 4 JOYSTICK	
1	62392GT	KNOB,JOYSTICK, 62390/62391.....	1
2	T112626GT	SCREW, PHM, #6-32 X .625 ZINC.....	1
3	139598GT	BOOT,JOYSTICK.....	1
4		SPRING,JOYSTK CENTR,62390/91..... no longer available from supplier	1
5	119915GT	COLLAR,JOYSTICK,CENTER.....	1
6	128000GT	SEAL, CONNECTOR (DT JOYSTICKS).....	1
7	128001GT	SLEEVE,CONNECTOR,DT JOYSTICKS.....	1
8	75449GT	KNOB,ROCKER JOYSTICK 75565.....	1
9	75448GT	SUPPORT,SENSOR,JOYSTICK.....	1
10	75447GT	SWITCH SHIELD,ROCK JOYSTK75565.....	1
11	75446GT	SPRING,SWITCH CENTERING,75565...	1
12	75445GT	ROCKER ASSY.,MAGNETIC 75565.....	1
13	75444GT	ROCKER,RETAINER, 75565.....	1
14	75443GT	BOOT, ROCKER JOYSTICK 75565.....	1

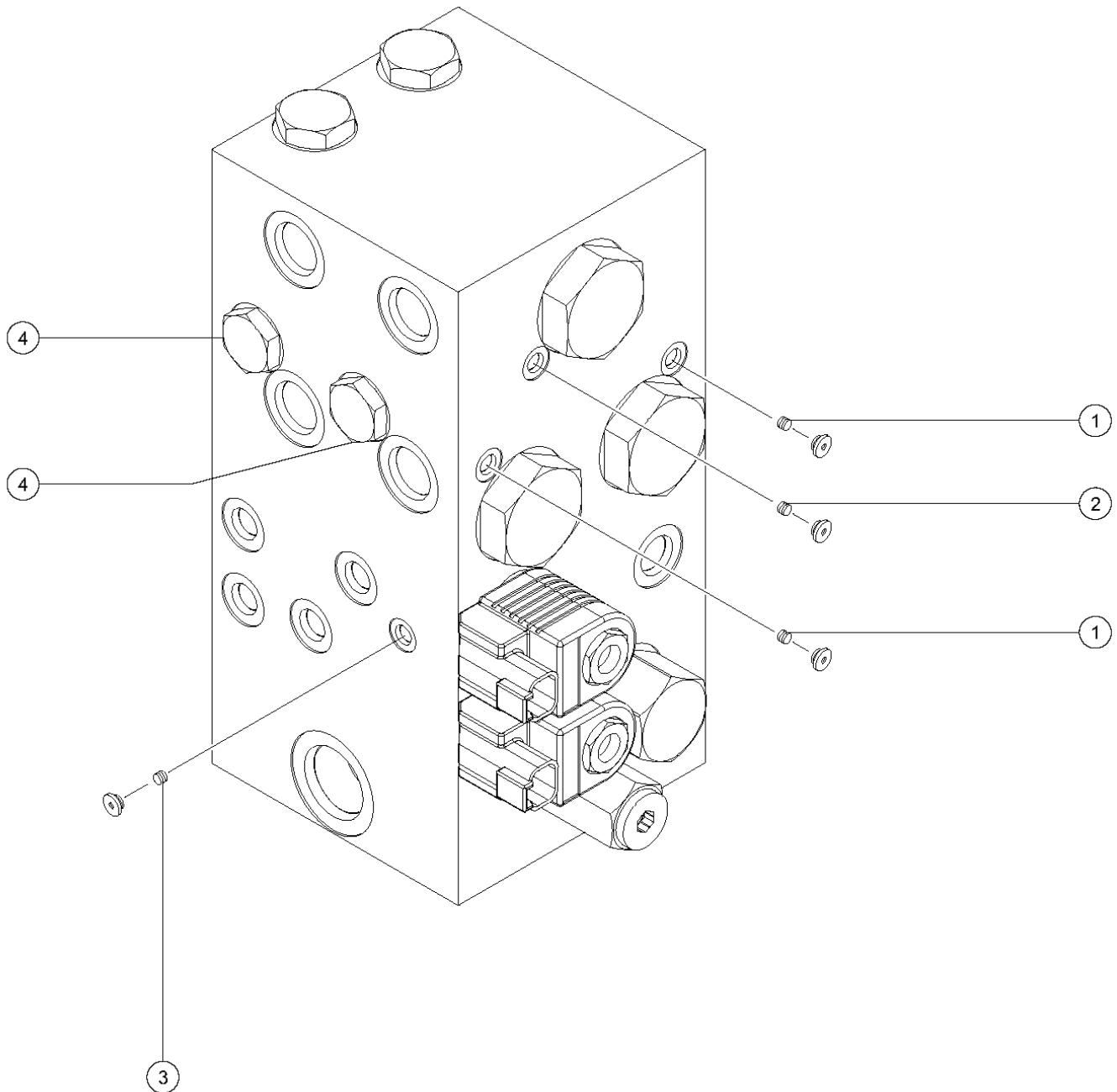
701.1 Traction Manifold, View 1



701.1 Traction Manifold, View 1

Item	Part No.	Description	Qty.
--	94942GT	MANIFOLD,TRACTION 4WD <i>Complete to SN 179</i>	
--	107724GT	MANIFOLD,TRACTION 4WD <i>Complete from SN 180</i>	
1	27836GT	VALVE,CHECK,5 PSI.....	2
--	110194GT	SEAL KIT, VALVE, #10	
2	69873GT	VALVE, CHECK.....	3
--	74902GT	SEAL KIT, VALVE	
3	27761GT	VALVE,SHUTTLE.....	1
--	84134GT	SEAL KIT, VALVE	
4	31406GT	VALVE,RELIEF 250 PSI***	1
--	110194GT	SEAL KIT, VALVE, #10	
5	77493GT	VALVE,SOLENOID 2 POS.3 WAY.....	2
--	72043GT	SEAL KIT,SOLENOID VALVE	
6	107729GT	VALVE, FLOW DIVIDER/COMBINER.....	2
--	84135GT	SEAL KIT, VALVE	
7	107730GT	VALVE, FLOW DIVDER/COMBINER..... <i>to SN 179</i>	1
--	110478GT	VALVE, FLOW DIVDER/COMBINER..... <i>from SN 180</i>	1
--	84135GT	SEAL KIT, VALVE	

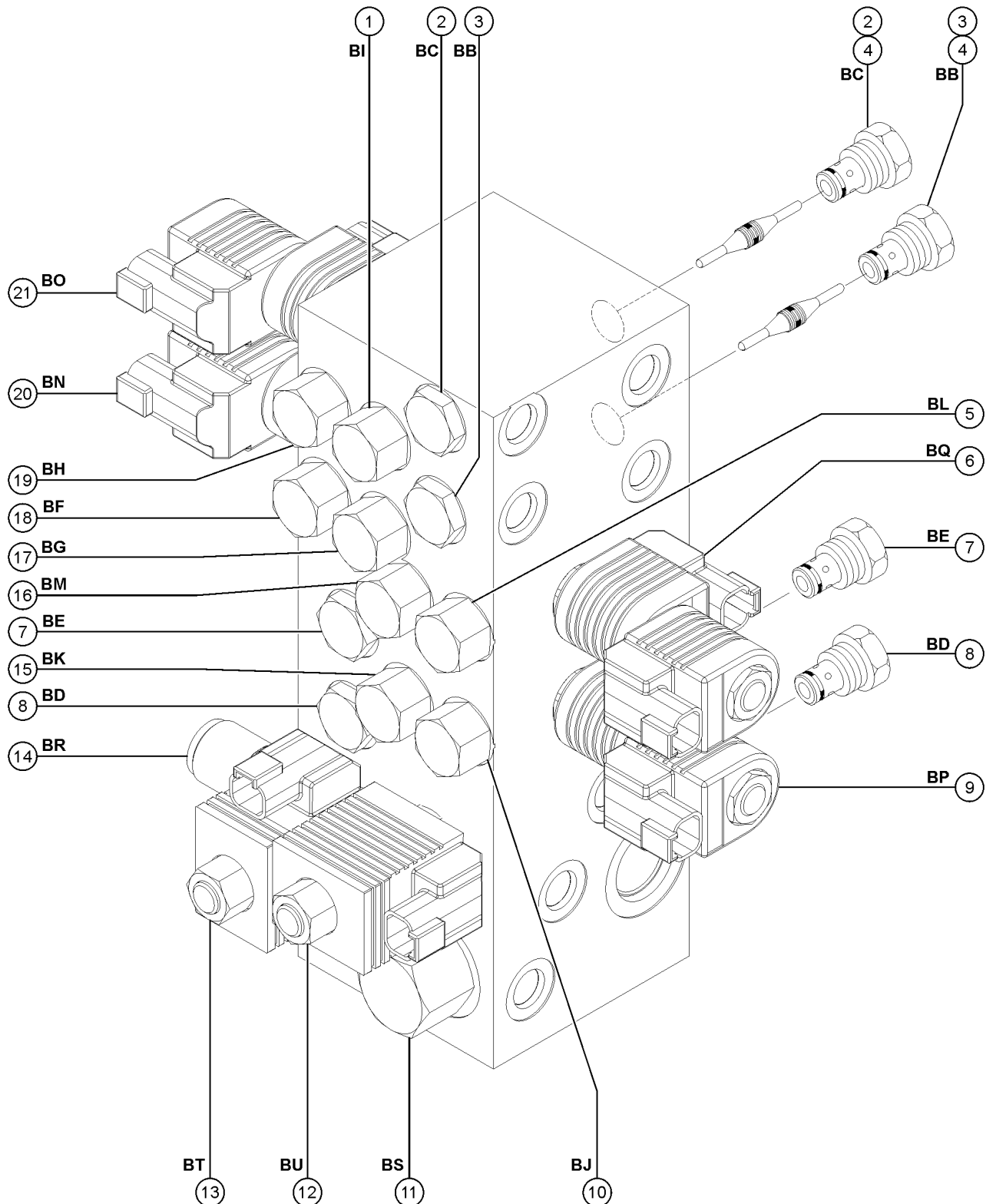
702.1 Traction Manifold, View 2



702.1 Traction Manifold, View 2

Item	Part No.	Description	Qty.
--	94942GT	MANIFOLD, TRACTION 4WD <i>Complete to SN 179</i>	
--	107724GT	MANIFOLD, TRACTION 4WD <i>Complete from SN 180</i>	
1	107732GT	ORIFICE PLUG, 0.063 INCH.....	2
2	107800GT	ORIFICE PLUG, 0.052 INCH.....	1
3	77162GT	PLUG-ORIFICE 0.031 INCH.....	1
4	69873GT	VALVE, CHECK.....	2
--	74902GT	SEAL KIT, VALVE	

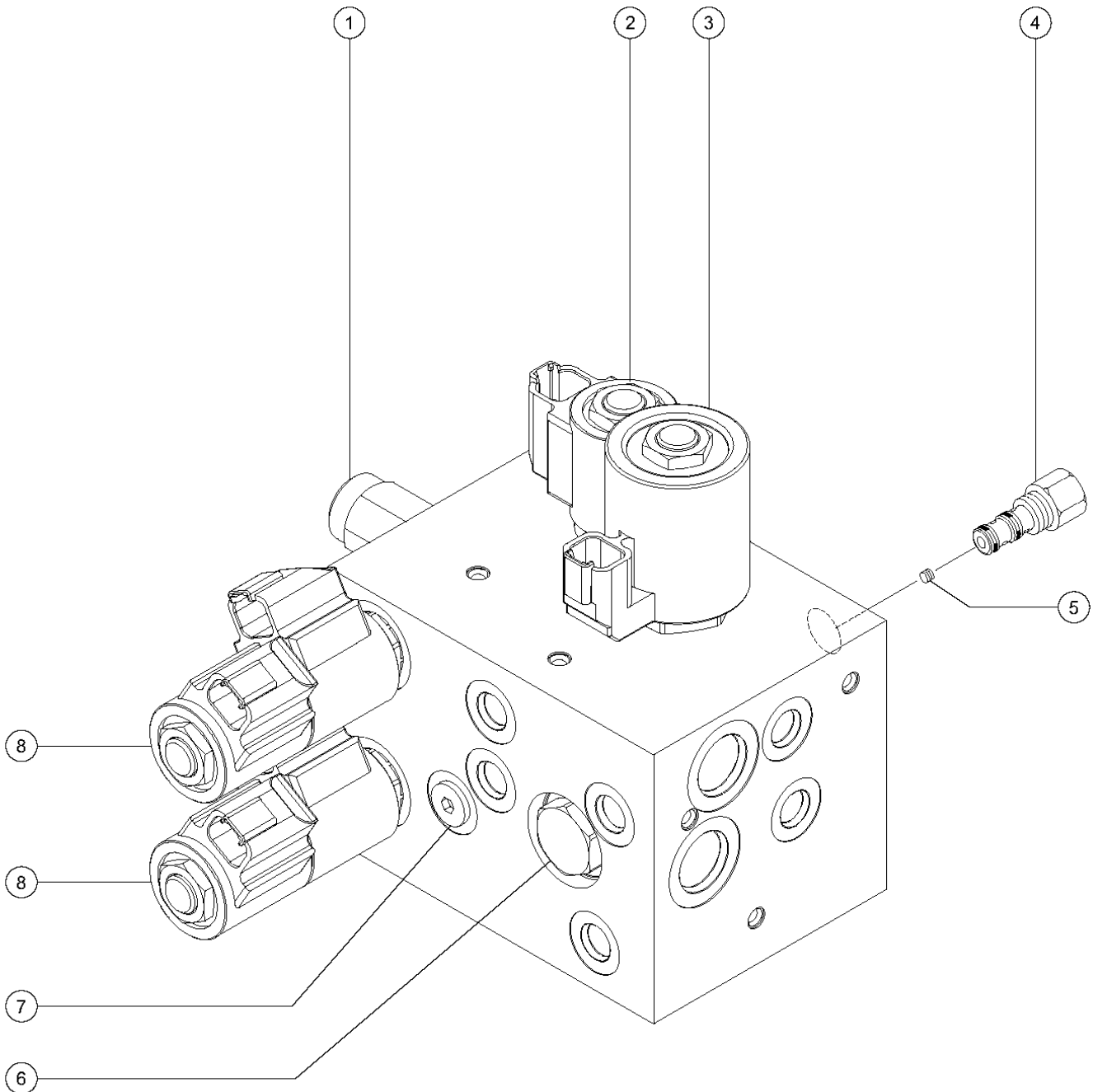
703.1 Steer/Axle Manifold



703.1 Steer/Axle Manifold

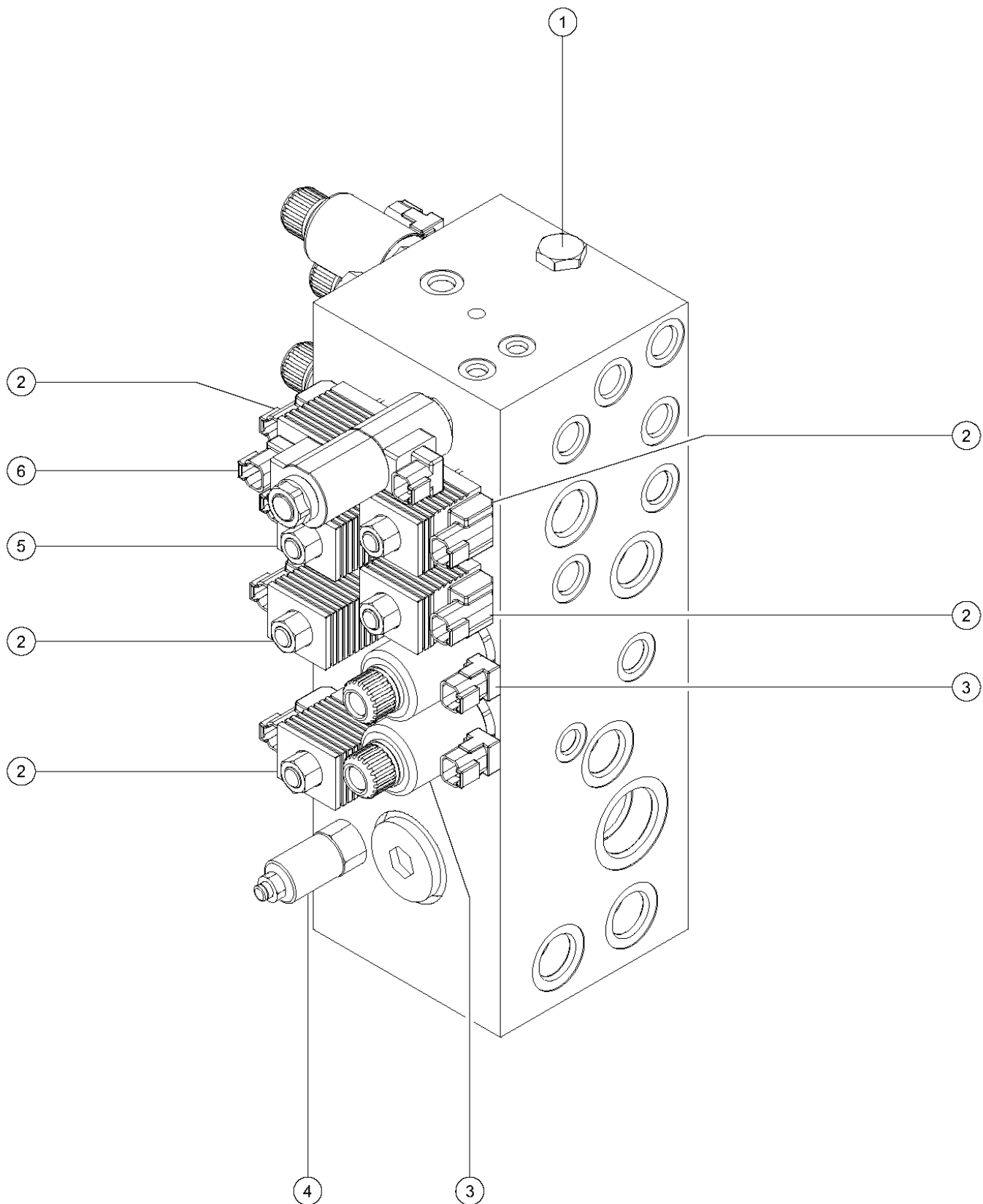
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	94943GT	MANIFOLD,STEER/AXLE (complete)		--	45912GT	NUT,SOLENOID VALVE 2P3W	
1	107731GT	VALVE, FLOW CONTROL 1.5GPM.....1 <i>BI, Right front steer cylinder retract circuit</i>		--	89310GT	SEAL KIT, SOLENOID VALVE	
--	74902GT	SEAL KIT, VALVE		--	89849GT	COIL,12V (D10, 16 WATT)	
2	77490GT	VALVE,CHECK 65 PSI,(88115).....2 <i>BC, Prevents right front steer cylinder from moving when not steering</i>		14	107737GT	VALVE,PRESSURE REDUCING*** 1 <i>BR, Axle extend/retract circuit</i>	
--	74902GT	SEAL KIT, VALVE		--	110203GT	SEAL KIT, VALVE, #10	
3	77490GT	VALVE,CHECK 65 PSI,(88115).....2 <i>BB, Prevents left front steer cylinder from moving when not steering</i>		15	107731GT	VALVE, FLOW CONTROL 1.5GPM.....1 <i>BK, Left rear steer cylinder retract circuit</i>	
--	74902GT	SEAL KIT, VALVE		--	74902GT	SEAL KIT, VALVE	
4	107733GT	PISTON, PILOT OPERATED CHECK.....4		16	107731GT	VALVE, FLOW CONTROL 1.5GPM.....1 <i>BM, Right rear steer cylinder retract circuit</i>	
5	107734GT	VALVE, FLOW CONTROL 2.1GPM.....1 <i>BL, Right rear steer cylinder extend circuit</i>		--	74902GT	SEAL KIT, VALVE	
--	74902GT	SEAL KIT, VALVE		17	107731GT	VALVE, FLOW CONTROL 1.5GPM.....1 <i>BG, Left front steer cylinder retract circuit</i>	
6	77492GT	VALVE,SOLENOID 3 POS 4 WAY.....1 <i>BQ, Steer left/right, right rear steer cylinder</i>		--	74902GT	SEAL KIT, VALVE	
--	52943GT	NUT,SOLENOID VALVE COIL		18	107734GT	VALVE, FLOW CONTROL 2.1GPM.....1 <i>BF, Left front steer cylinder extend circuit</i>	
--	72047GT	SEAL KIT, SOLENOID VALVE		--	74902GT	SEAL KIT, VALVE	
--	89850GT	COIL,12V (D08, 16 WATT)		19	107734GT	VALVE, FLOW CONTROL 2.1GPM.....1 <i>BH, Right front steer cylinder extend circuit</i>	
7	77490GT	VALVE,CHECK 65 PSI,(88115).....2 <i>BE, Prevents right rear steer cylinder from moving when not steering</i>		--	74902GT	SEAL KIT, VALVE	
--	74902GT	SEAL KIT, VALVE		20	77492GT	VALVE,SOLENOID 3 POS 4 WAY.....1 <i>BN, Steer left/right, left front steer cylinder</i>	
8	77490GT	VALVE,CHECK 65 PSI,(88115).....2 <i>BD, Prevents left rear steer cylinder from moving when not steering</i>		--	52943GT	NUT,SOLENOID VALVE COIL	
--	74902GT	SEAL KIT, VALVE		--	72047GT	SEAL KIT, SOLENOID VALVE	
9	77492GT	VALVE,SOLENOID 3 POS 4 WAY.....1 <i>BP, Steer left/right, left rear steer cylinder</i>		--	89850GT	COIL,12V (D08, 16 WATT)	
--	52943GT	NUT,SOLENOID VALVE COIL		21	77492GT	VALVE,SOLENOID 3 POS 4 WAY.....1 <i>BO, Steer left/right, right front steer cylinder</i>	
--	72047GT	SEAL KIT, SOLENOID VALVE		--	52943GT	NUT,SOLENOID VALVE COIL	
--	89850GT	COIL,12V (D08, 16 WATT)		--	72047GT	SEAL KIT, SOLENOID VALVE	
10	107734GT	VALVE, FLOW CONTROL 2.1GPM.....1 <i>BJ, Left rear steer cylinder extend circuit</i>		--	89850GT	COIL,12V (D08, 16 WATT)	
--	74902GT	SEAL KIT, VALVE					
11	107735GT	VALVE,FLOW CONTROL,7.0 GPM*** 1 <i>BS, Axle extend/retract circuit</i>					
--	110195GT	SEAL KIT, VALVE, #12					
12	89853GT	VALVE,SOLENOID 2POSITION 3WAY....1 <i>BU, Axle retract</i>					
--	45912GT	NUT,SOLENOID VALVE 2P3W					
--	89310GT	SEAL KIT, SOLENOID VALVE					
--	89849GT	COIL,12V (D10, 16 WATT)					
13	89853GT	VALVE,SOLENOID 2POSITION 3WAY....1 <i>BT, Axle extend</i>					

704.1 Jib Manifold



Item	Part No.	Description	Qty.
--	94580GT	MANIFOLD,JIB	
1	107738GT	VALVE, DIFFERENTIAL SENSING.....1	
2	62815GT	VALVE,SOLENOID,2POS 3 WAY*** 1 (does not include coil)	
--	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL (not a component of 62815)	
--	44174GT	NUT-COIL SHORT	
--	52371GT	SEAL KIT, VALVE	
3	107739GT	VALVE, DIRECTIONAL VALVE.....1	
--	104760GT	COIL,12VDC #10DTSCH IP69 ECOIL	
--	44174GT	NUT-COIL SHORT	
--	44229GT	SEAL KIT, VALVE	
4	94618GT	VALVE,FLOW CONTROL,.4 GPM.....1	
5	46288GT	ORIFICE DISC,.040".....1	
6	107740GT	VALVE, CHECK 25 PSI.....1	
--	44227GT	SEAL KIT, VALVE	
7	44216GT	VALVE,SHUTTLE.....1	
--	44235GT	SEAL KIT-FOR PN.44216 & 826779	
8	107788GT	VALVE,PROPORTIONAL 3 POS 4 WY...2	
--	107768GT	COIL,12VDC #8 DTSCH W/O DIODE	
--	44174GT	NUT-COIL SHORT	
--	44229GT	SEAL KIT, VALVE	
--	97372GT	E-COIL WASHER,#8,DUAL COIL	

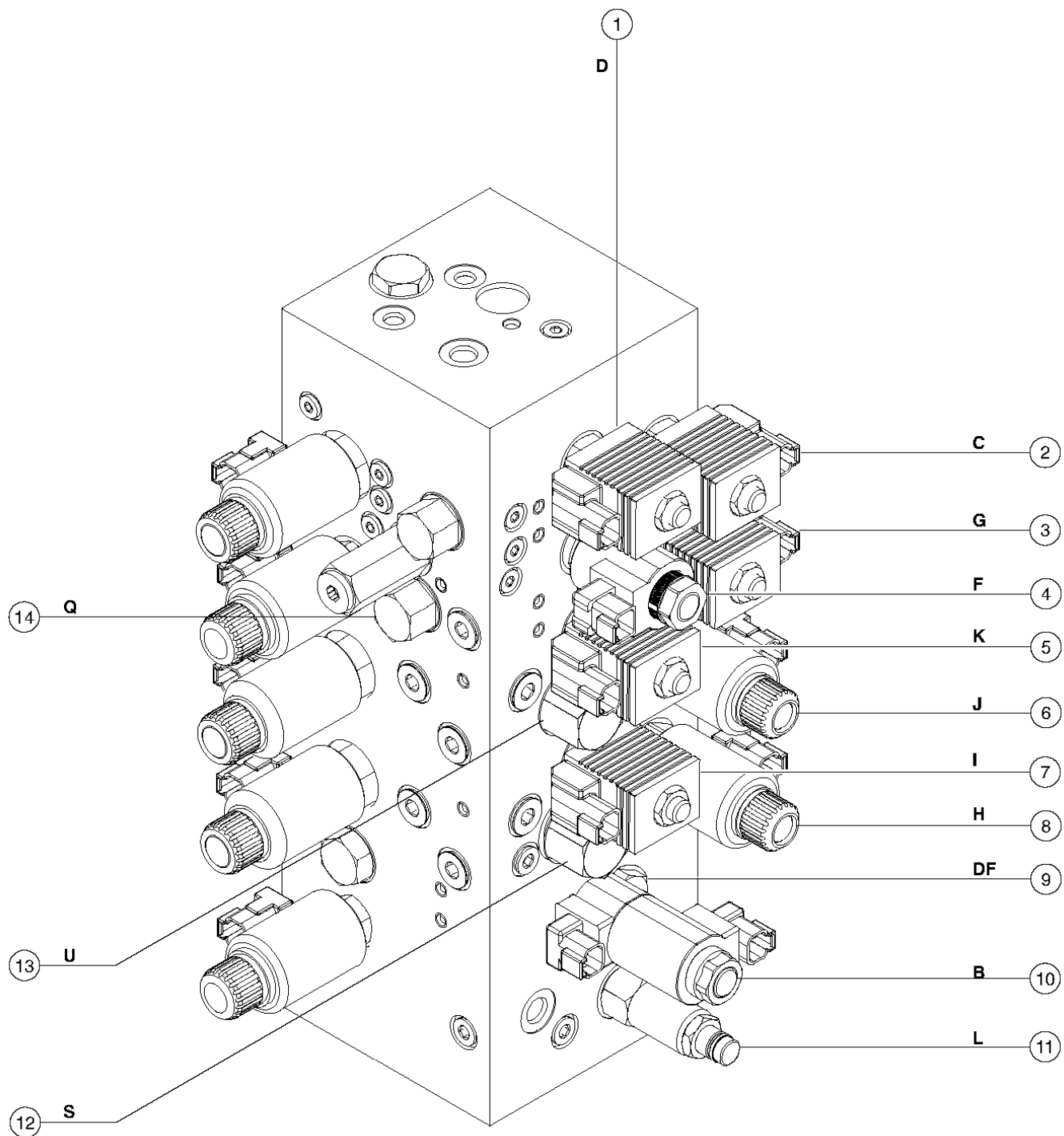
705.1 Function Manifold, View 1 (to SN 439)



705.1 Function Manifold, View 1 (to SN 439)

Item	Part No.	Description	Qty.
--	101437GT	MANIFOLD,FUNCTION <i>Complete</i>	
1	27836GT	VALVE,CHECK,5 PSI.....	1
--	110194GT	SEAL KIT, VALVE, #10	
2	89853GT	VALVE,SOLENOID 2POSITION 3WAY....	5
--	45912GT	NUT,SOLENOID VALVE 2P3W	
--	89310GT	SEAL KIT, SOLENOID VALVE	
--	89849GT	COIL,12V (D10, 16 WATT)	
3	107743GT	VALVE,SOLENOID 2 POS 3 WAY.....	2
--	110198GT	SEAL KIT, VALVE, #12	
--	119113GT	COIL,12V DEUTSCH	
--	45921GT	RETAINER-N.C.PROPOR.SOLENOID	
4	110343GT	VALVE, RELIEF	
--	110194GT	SEAL KIT, VALVE, #10	
5	107745GT	VALVE,SOLENOID 2 POS 3 WAY.....	1
--	119112GT	COIL,12V, DEUTSCH	
--	119116GT	NUT,COIL (107745)	
--	89310GT	SEAL KIT, SOLENOID VALVE	
6	107746GT	VALVE,SOLENOID 3 POS 4 WAY.....	1
--	119112GT	COIL,12V, DEUTSCH	
--	119115GT	NUT,COIL (107746)	

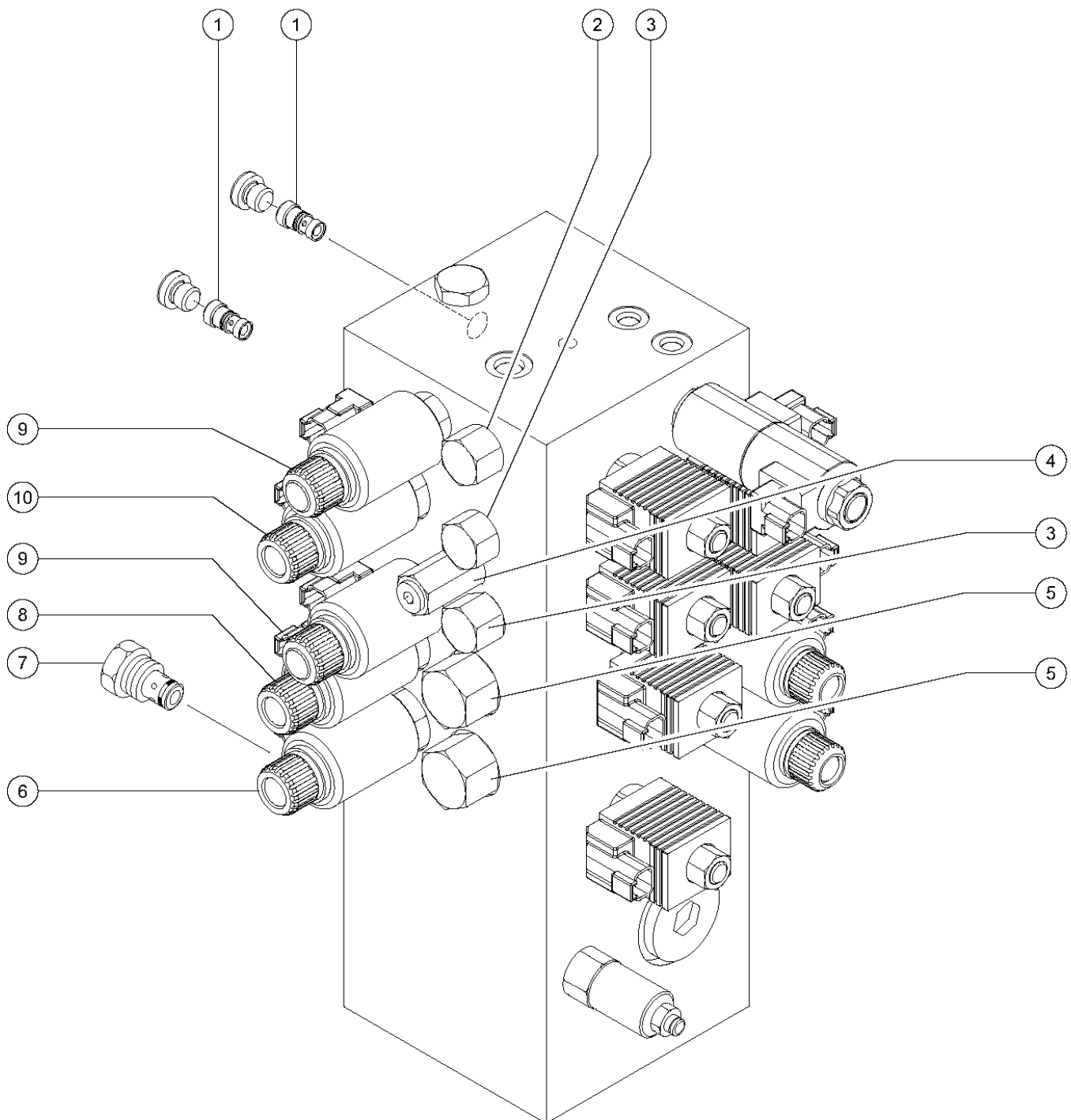
705.2 Function Manifold, View 1 (from SN 440)



705.2 Function Manifold, View 1 (from SN 440)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	119412GT	MANIFOLD,FUNCTION <i>Complete</i>		--	119112GT	COIL,12V, DEUTSCH	
1	89853GT	VALVE,SOLENOID 2POSITION 3WAY <i>D, Primary boom down</i>		--	119115GT	NUT,COIL (107746)	
--	45912GT	NUT,SOLENOID VALVE 2P3W		11	110343GT	VALVE, RELIEF <i>L , System relief</i>	
--	89310GT	SEAL KIT, SOLENOID VALVE		--	110194GT	SEAL KIT, VALVE, #10	
--	89849GT	COIL,12V (D10, 16 WATT)		12	32741GT	VALVE,DIFF SENSING,150 PSI <i>S , Secondary up/down circuit</i>	
2	89853GT	VALVE,SOLENOID 2POSITION 3WAY <i>C, Primary boom up</i>		--	110198GT	SEAL KIT, VALVE, #12	
--	45912GT	NUT,SOLENOID VALVE 2P3W		13	32741GT	VALVE,DIFF SENSING,150 PSI <i>U , Secondary extend/retract circuit</i>	
--	89310GT	SEAL KIT, SOLENOID VALVE		--	110198GT	SEAL KIT, VALVE, #12	
--	89849GT	COIL,12V (D10, 16 WATT)		14	27802GT	VALVE,DIFFERENTIAL SENSING*** <i>Q , Primary extend/retract circuit</i>	
3	89853GT	VALVE,SOLENOID 2POSITION 3WAY <i>G, Primary boom retract</i>		--	110197GT	SEAL KIT, VALVE, #10	
--	45912GT	NUT,SOLENOID VALVE 2P3W					
--	89310GT	SEAL KIT, SOLENOID VALVE					
--	89849GT	COIL,12V (D10, 16 WATT)					
4	107745GT	VALVE,SOLENOID 2 POS 3 WAY <i>F, Primary boom extend</i>					
--	119112GT	COIL,12V, DEUTSCH					
--	119116GT	NUT,COIL (107745)					
--	89310GT	SEAL KIT, SOLENOID VALVE					
5	89853GT	VALVE,SOLENOID 2POSITION 3WAY <i>K, Secondary boom retract</i>					
--	45912GT	NUT,SOLENOID VALVE 2P3W					
--	89310GT	SEAL KIT, SOLENOID VALVE					
--	89849GT	COIL,12V (D10, 16 WATT)					
6	107743GT	VALVE,SOLENOID 2 POS 3 WAY <i>J, Secondary boom extend</i>					
--	110198GT	SEAL KIT, VALVE, #12					
--	119113GT	COIL,12V DEUTSCH					
--	45921GT	RETAINER-N.C.PROPOR.SOLENOID					
7	89853GT	VALVE,SOLENOID 2POSITION 3WAY <i>I , Secondary boom down</i>					
--	45912GT	NUT,SOLENOID VALVE 2P3W					
--	89310GT	SEAL KIT, SOLENOID VALVE					
--	89849GT	COIL,12V (D10, 16 WATT)					
8	107743GT	VALVE,SOLENOID 2 POS 3 WAY <i>H, Secondary boom up</i>					
--	110198GT	SEAL KIT, VALVE, #12					
--	119113GT	COIL,12V DEUTSCH					
--	45921GT	RETAINER-N.C.PROPOR.SOLENOID					
9	110342GT	VALVE, CHECK <i>DF , Tank return circuit</i>					
--	29029GT	SEAL KIT,19920 HAND PUMP					
10	107746GT	VALVE,SOLENOID 3 POS 4 WAY <i>B, Turntable rotate</i>					

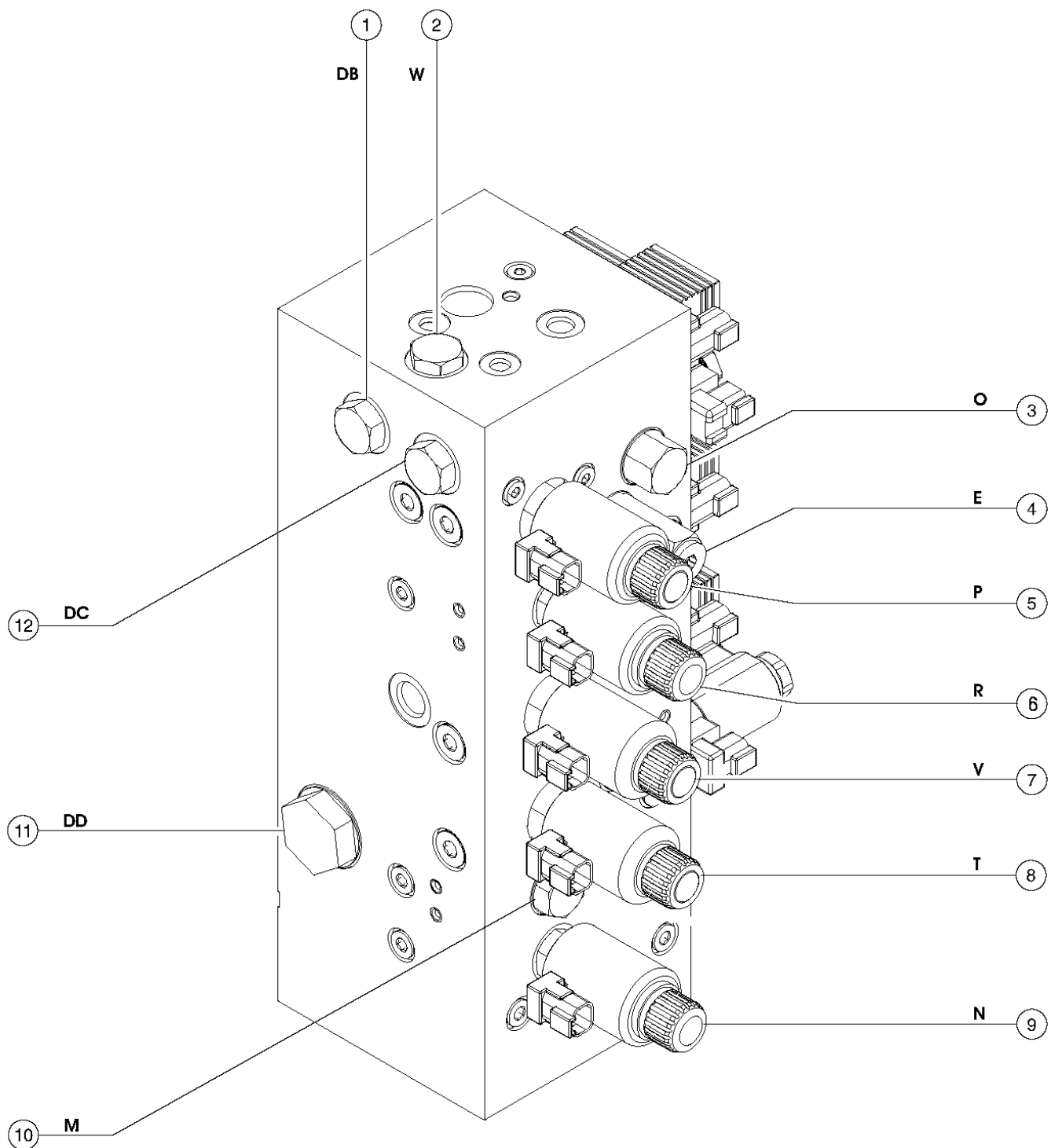
706.1 Function Manifold, View 2 (to SN 439)



706.1 Function Manifold, View 2 (to SN 439)

Item	Part No.	Description	Qty.
--	101437GT	MANIFOLD,FUNCTION	
1	107747GT	VALVE,CHECK,5 PSI.....2	
--	56236GT	O-RING,ORFS,-10	
2	107748GT	VALVE,DIFFERENTIAL SENSING.....1	
--	110197GT	SEAL KIT, VALVE, #10	
3	27802GT	VALVE,DIFFERENTIAL SENSING***.....2	
--	110197GT	SEAL KIT, VALVE, #10	
4	107749GT	VALVE, RELIEF, 2600 PSI.....1	
--	74902GT	SEAL KIT, VALVE	
5	32741GT	VALVE,DIFF SENSING,150 PSI.....2	
--	110198GT	SEAL KIT, VALVE, #12	
6	107750GT	VALVE,PROPORTIONAL.....1	
--	110198GT	SEAL KIT, VALVE, #12	
--	45921GT	RETAINER-N.C.PROPOR.SOLENOID	
--	58303GT	COIL,VALVE,PROPORTIONAL***	
7	107751GT	VALVE, CHECK, 5 PSI.....1	
--	29029GT	SEAL KIT,19920 HAND PUMP	
8	107752GT	VALVE,PROPORTIONAL.....1	
--	110198GT	SEAL KIT, VALVE, #12	
--	45921GT	RETAINER-N.C.PROPOR.SOLENOID	
--	58303GT	COIL,VALVE,PROPORTIONAL***	
9	107753GT	VALVE,PROPORTIONAL.....2	
--	45921GT	RETAINER-N.C.PROPOR.SOLENOID	
--	58303GT	COIL,VALVE,PROPORTIONAL***	
--	89310GT	SEAL KIT, SOLENOID VALVE	
10	107754GT	VALVE,PROPORTIONAL.....1	
--	110198GT	SEAL KIT, VALVE, #12	
--	45921GT	RETAINER-N.C.PROPOR.SOLENOID	
--	58303GT	COIL,VALVE,PROPORTIONAL***	

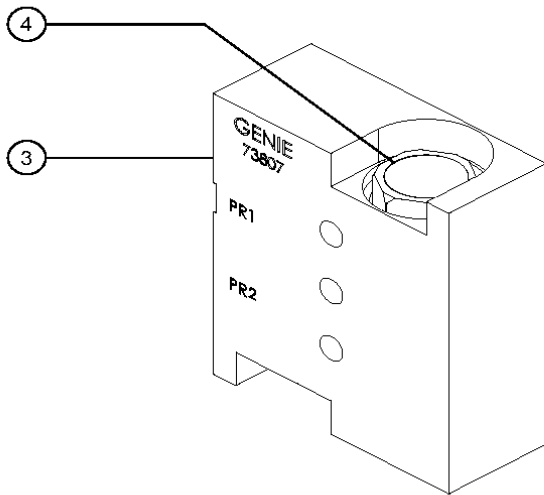
706.2 Function Manifold, View 2 (from SN 440)



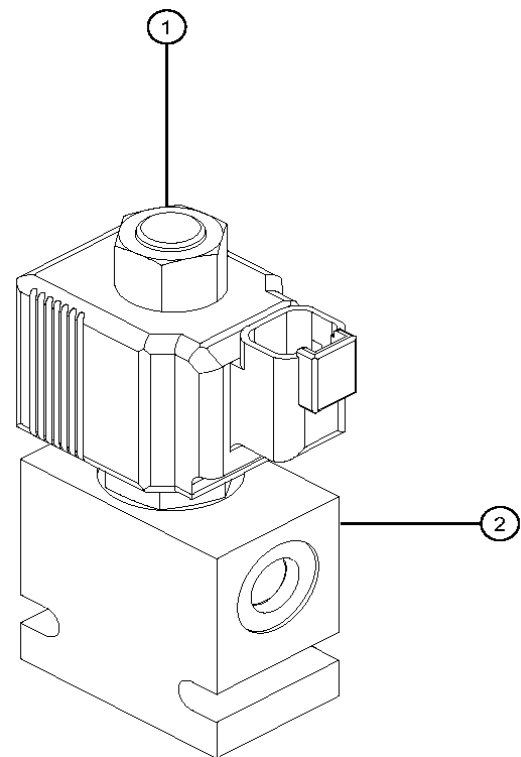
706.2 Function Manifold, View 2 (from SN 440)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	119412GT	MANIFOLD,FUNCTION <i>Complete</i>		--	56236GT	O-RING,ORFS,-10	
1	107747GT	VALVE,CHECK,5 PSI <i>DB , Auxiliary Power Unit</i>					
--	56236GT	O-RING,ORFS,-10					
2	27836GT	VALVE,CHECK,5 PSI <i>W , Pressure circuit</i>					
--	110194GT	SEAL KIT, VALVE, #10					
3	27802GT	VALVE,DIFFERENTIAL SENSING*** <i>O , Primary up/down circuit</i>					
--	110197GT	SEAL KIT, VALVE, #10					
4	107749GT	VALVE, RELIEF, 2600 PSI <i>E , Primary extend/retract circuit</i>					
--	74902GT	SEAL KIT, VALVE					
5	107754GT	VALVE,PROPORTIONAL <i>P , Primary up/down circuit</i>					
--	110198GT	SEAL KIT, VALVE, #12					
--	45912GT	NUT,SOLENOID VALVE 2P3W					
--	58303GT	COIL,VALVE,PROPORTIONAL***					
6	107753GT	VALVE,PROPORTIONAL <i>R , Primary extend/retract circuit</i>					
--	45921GT	RETAINER-N.C.PROPOR.SOLENOID					
--	58303GT	COIL,VALVE,PROPORTIONAL***					
--	89310GT	SEAL KIT, SOLENOID VALVE					
7	107752GT	VALVE,PROPORTIONAL <i>V , Secondary extend/retract circuit</i>					
--	110198GT	SEAL KIT, VALVE, #12					
--	45912GT	NUT,SOLENOID VALVE 2P3W					
--	58303GT	COIL,VALVE,PROPORTIONAL***					
8	107750GT	VALVE,PROPORTIONAL <i>T , Secondary up/down circuit</i>					
--	110198GT	SEAL KIT, VALVE, #12					
--	45912GT	NUT,SOLENOID VALVE 2P3W					
--	58303GT	COIL,VALVE,PROPORTIONAL***					
9	107753GT	VALVE,PROPORTIONAL <i>N , Turntable rotate circuit</i>					
--	45921GT	RETAINER-N.C.PROPOR.SOLENOID					
--	58303GT	COIL,VALVE,PROPORTIONAL***					
--	89310GT	SEAL KIT, SOLENOID VALVE					
10	27802GT	VALVE,DIFFERENTIAL SENSING*** <i>M , Turntable rotate circuit</i>					
--	110197GT	SEAL KIT, VALVE, #10					
11	107751GT	VALVE, CHECK, 5 PSI <i>DD , Prevents hydraulic pressure from flowing back into function pump</i>					
--	29029GT	SEAL KIT,19920 HAND PUMP					
12	107747GT	VALVE,CHECK,5 PSI <i>DC , Auxiliary Power Unit</i>					

707.1 Function Enable Valve and Platform Rotator Manifold



Platform Rotator Manifold

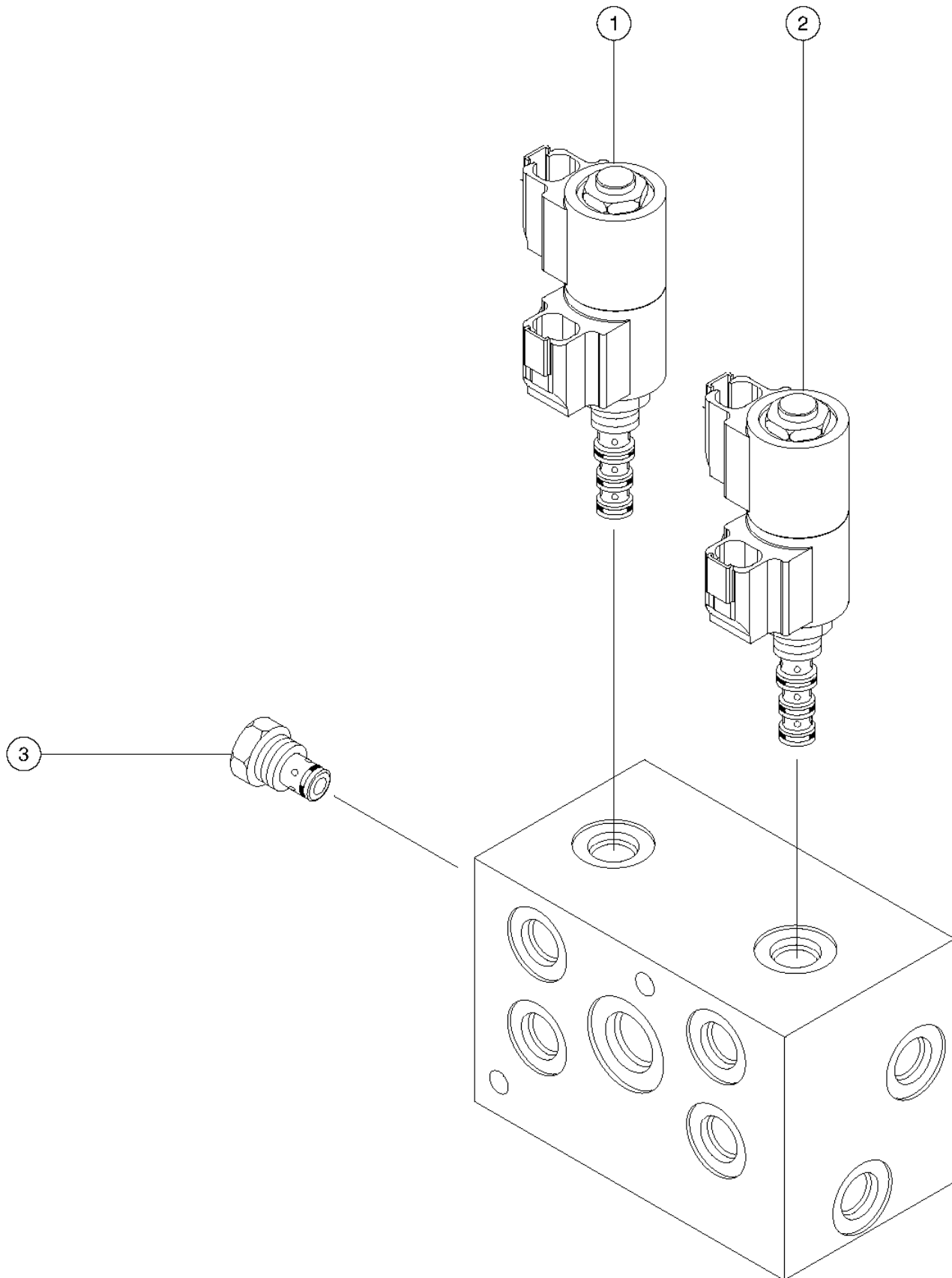


Function Enable Valve

707.1 Function Enable Valve and Platform Rotator Manifold

Item	Part No.	Description	Qty.
1	107742GT	VALVE,SOLENOID 2 POS 2 WAY.....1	
2	106454GT	VALVE,FUNCTION ENABLE.....1 <i>includes item 1</i>	
3	73807GT	MANIFOLD,ROTATOR,CB***.....1 <i>includes item 4</i>	
--	62507GT	O-RING, ROTATOR MANIFOLD	
4	62506GT	VALVE - COUNTERBALANCE**.....2	
--	43018GT	SEAL KIT (39345)	

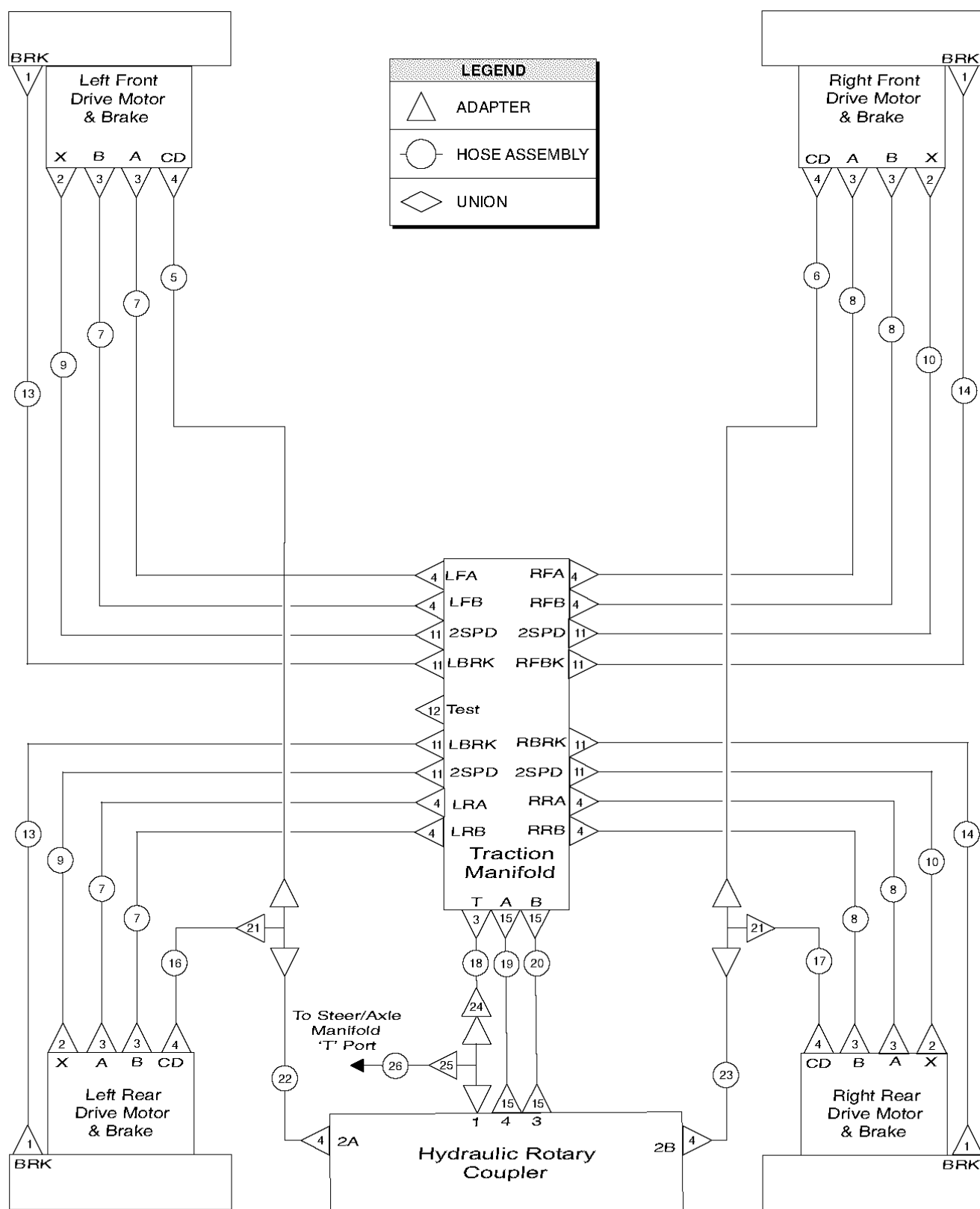
708.1 Platform Manifold



708.1 Platform Manifold

Item	Part No.	Description	Qty.
--	101546GT	MANIFOLD,PLATFORM	
1	39346GT	VALVE,SOLENOID 3 POS.4 WAY***.....1	
--	104759GT	COIL,12VDC #8 DTSCH IP69 ECOIL	
--	44174GT	NUT-COIL SHORT	
--	44229GT	SEAL KIT, VALVE	
--	97372GT	E-COIL WASHER,#8,DUAL COIL	
2	107816GT	VALVE,PROPORTIONAL 3 POS 4 WY*.....1	
--	107768GT	COIL,12VDC #8 DTSCH W/O DIODE	
--	44174GT	NUT-COIL SHORT	
--	44229GT	SEAL KIT, VALVE	
--	97372GT	E-COIL WASHER,#8,DUAL COIL	
3	107741GT	VALVE, FLOW REGULATOR.....1	
--	44228GT	SEAL KIT, VALVE	

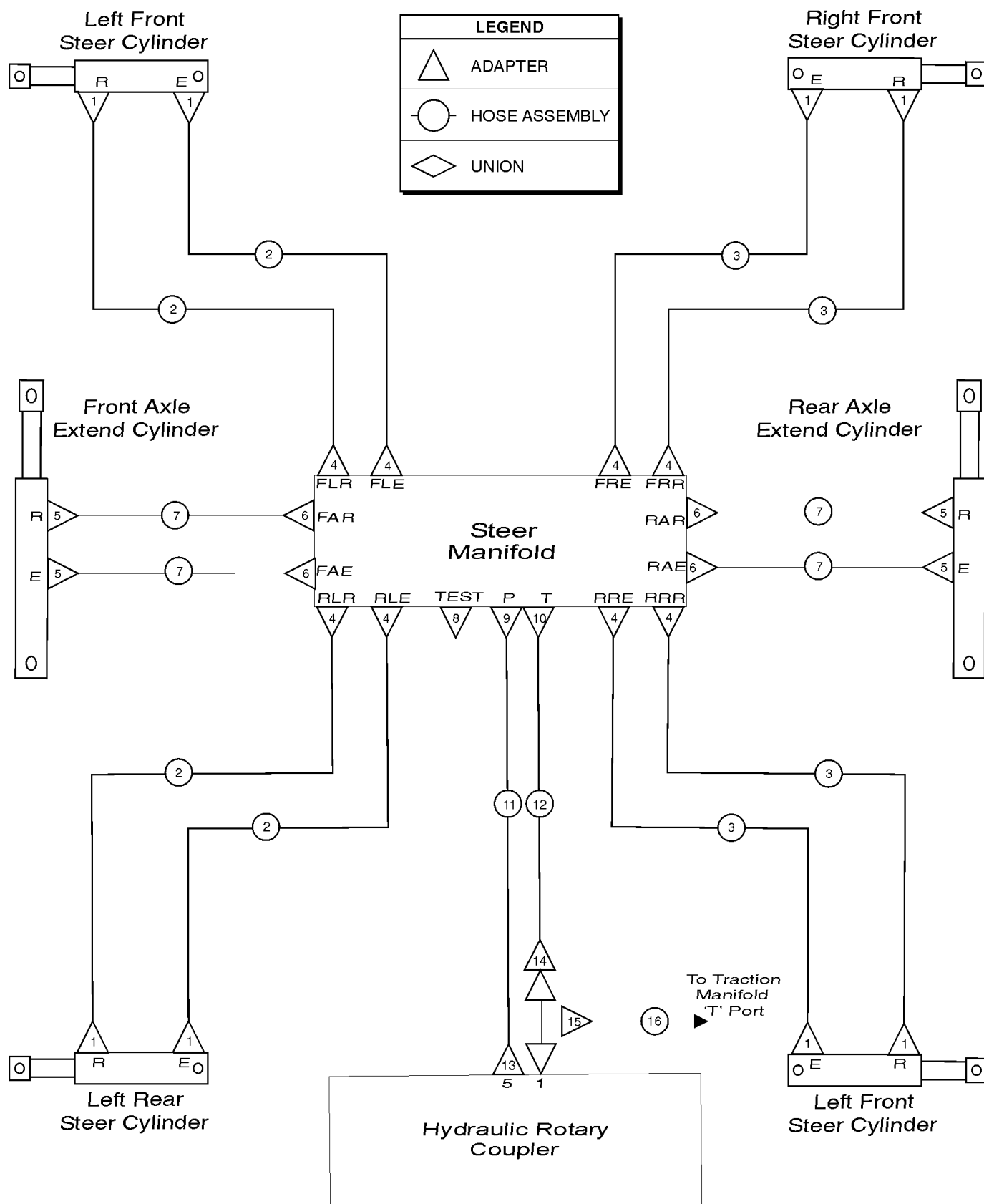
709.1 Hydraulic Hoses and Fittings, Drive System



709.1 Hydraulic Hoses and Fittings, Drive System

Item	Part No.	Description	Qty.
1	48912GT	CONN,520120-4-6***.....	4
2	48911GT	ELBOW,90D,520220-4-6***.....	4
3	48948GT	CONN,520120-8-12.....	9
4	48933GT	CONN,520120-8***.....	14
5	73772-12092GT	HOSE ASSY,1/2,STR FEM,STR FEM.....	1
6	73772-13792GT	HOSE ASSY,1/2,STR FEM,STR FEM.....	1
7	81812-12292GT	HOSE ASSY,1/2".....	4
8	81812-16692GT	HOSE ASSY,1/2".....	4
9	49119-12978GT	HOSE ASSY,1/4,STR FEM,STR FEM.....	2
--	101792-12978GT	HOSE ASSY,1/4,STR FEM,STR FEM <i>Arctic Option</i>	
10	49119-17278GT	HOSE ASSY,1/4,STR FEM,STR FEM.....	2
--	101792-17278GT	HOSE ASSY,1/4,STR FEM,STR FEM <i>Arctic Option</i>	
11	48905GT	CONN,520120-4***.....	8
12	48998GT	NIPPLE,DIAGNOSTIC,#6 PORT***.....	1
--	48880GT	CAP,DIAGNOSTIC NIPPLE	
13	49116-12537GT	HOSE ASSY,1/4,45 FEM,STR FEM.....	2
--	101789-12537GT	HOSE ASSY,1/4,45 FEM,STR FEM <i>Arctic Option</i>	
14	49116-16637GT	HOSE ASSY,1/4,45 FEM,STR FEM.....	1
--	101789-16637GT	HOSE ASSY,1/4,45 FEM,STR FEM <i>Arctic Option</i>	
15	48963GT	FITTING,ELBOW,45D,520320-12***.....	4
16	73772-13292GT	HOSE ASSY,1/2,STR FEM,STR FEM.....	1
17	73772-12592GT	HOSE ASSY,1/2,STR FEM,STR FEM.....	1
18	94464-3586GT	HOSE ASSY,1/2".....	1
19	89871-2798GT	HOSE ASSY,3/4" STR-STR.....	1
20	89871-3198GT	HOSE ASSY,3/4" STR-STR.....	1
21	48940GT	TEE,BULKHEAD,RUN,520958-8.....	2
22	94465-4050GT	HOSE ASSY,1/2".....	1
23	94465-3650GT	HOSE ASSY,1/2".....	1
24	51580GT	FITTING,REDUCER,520123-12-8***.....	1
25	48961GT	TEE,RUN,520428-12.....	1
26	94466-3536GT	HOSE ASSY,3/4".....	1

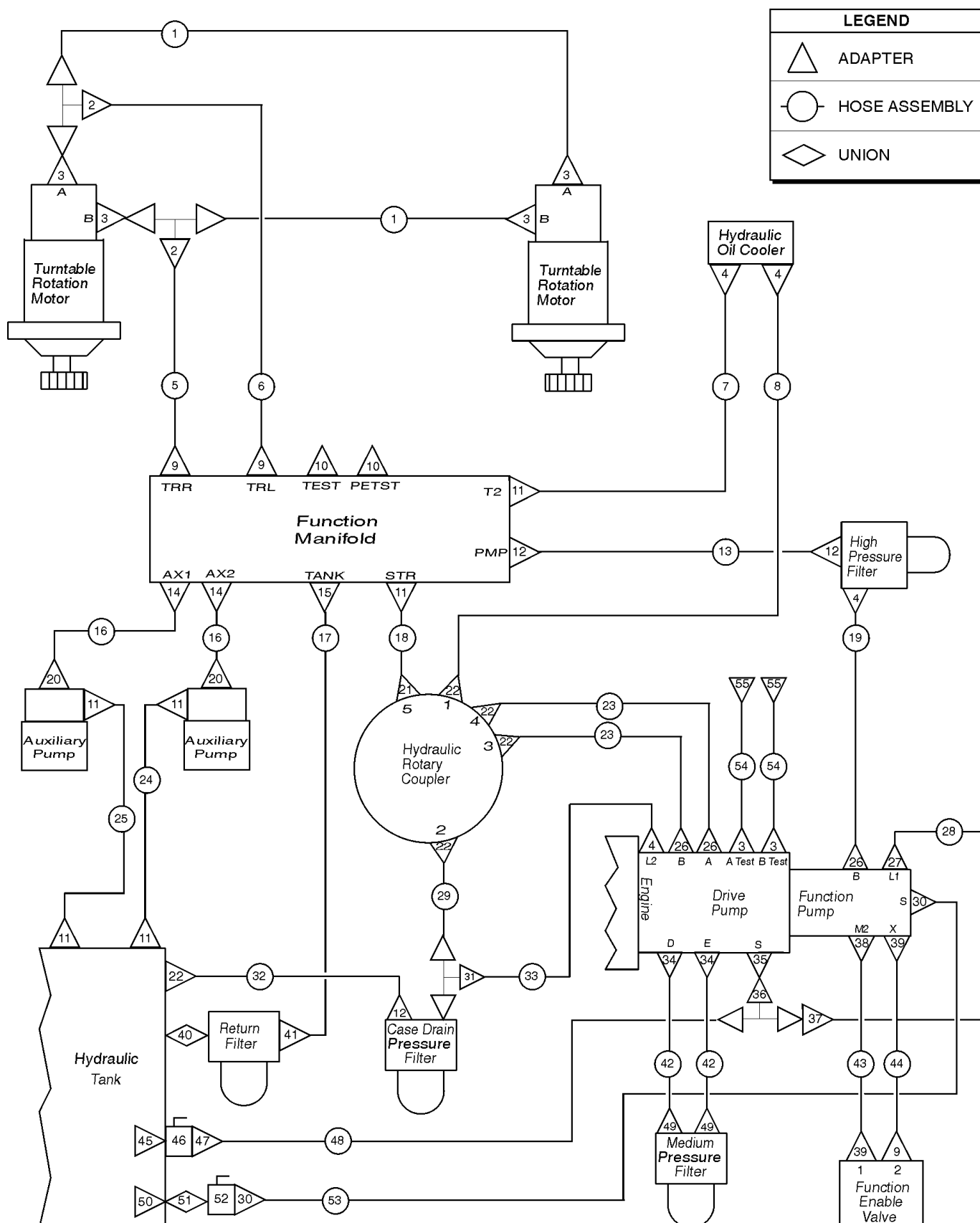
710.1 Hydraulic Hoses and Fittings, Steering System



710.1 Hydraulic Hoses and Fittings, Steering System

Item	Part No.	Description	Qty.
1	48911GT	ELBOW,90D,520220-4-6***.....	8
2A	49119-13778GT	HOSE ASSY,1/4,STR FEM,STR FEM..... to SN 430	4
2B	49119-13578GT	HOSE ASSY,1/4,STR FEM,STR FEM..... from SN 431	4
--	101792-13578GT	HOSE ASSY,1/4,STR FEM,STR FEM Arctic Option	
3A	49119-9178GT	HOSE ASSY,1/4,STR FEM,STR FEM*..... to SN 108	4
3B	49119-8778GT	HOSE ASSY,1/4,STR FEM,STR FEM..... from SN 109 to 430	4
3C	49119-9378GT	HOSE ASSY,1/4,STR FEM,STR FEM..... from SN 431	4
--	101792-9378GT	HOSE ASSY,1/4,STR FEM,STR FEM Arctic Option	
4	48905GT	CONN,520120-4***.....	8
5	48920GT	ELBOW,45D,520320-6.....	4
6	48916GT	FITTING,CONN,520120-6.....	4
7	49130-4682GT	HOSE ASSY,3/8"STR FEM,STR FEM.....	4
--	101795-4682GT	HOSE ASSY,3/8,STR FEM,STR FEM Arctic Option	
8	48998GT	NIPPLE,DIAGNOSTIC,#6 PORT***.....	1
--	48880GT	CAP,DIAGNOSTIC NIPPLE.....	1
9	48948GT	CONN,520120-8-12.....	1
10	48960GT	FITTING,CONN,520120-12***.....	1
11	49183-4292GT	HOSE ASSY,1/2,STR FEM,STR FEM.....	1
12	94466-3536GT	HOSE ASSY,3/4".....	1
13	48937GT	ELBOW,45D,520320-8.....	1
14	51580GT	FITTING,REDUCER,520123-12-8***.....	1
15	48961GT	TEE,RUN,520428-12.....	1
16	94464-3586GT	HOSE ASSY,1/2".....	1

711.1 Hydraulic Hoses and Fittings, Turntable Components

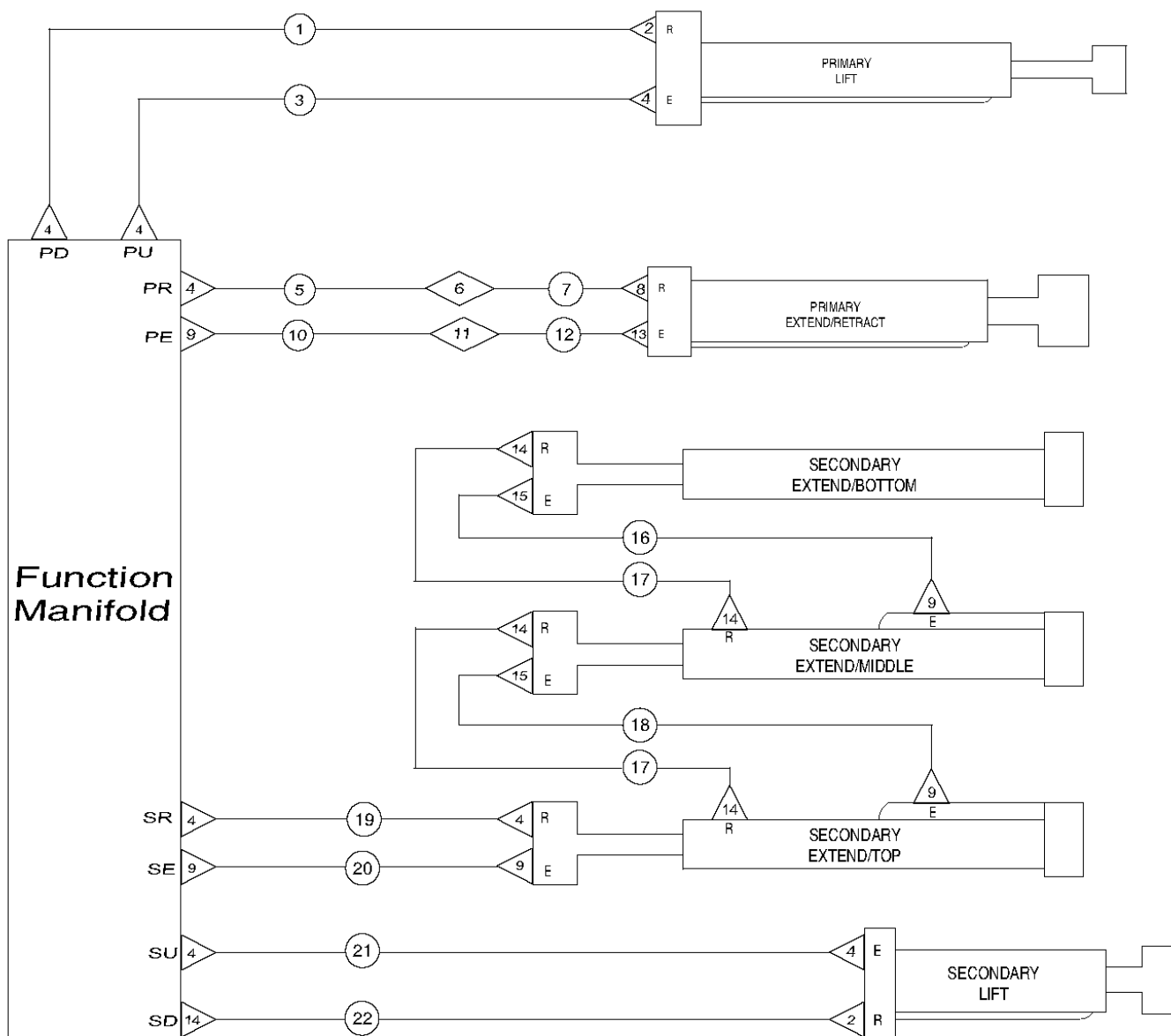


711.1 Hydraulic Hoses and Fittings, Turntable Components

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	49119-2078GT	HOSE ASSY,1/4,STR FEM,STR FEM*.....2		36	42787GT	TEE,RUN,SWIVEL,520432-16.....1	
2	48908GT	FITTING,TEE,RUN,SWIVEL520432-4.....2		37	42788GT	REDUCER,520123-16-8.....1	
3	48912GT	CONN,520120-4-6***.....4		38	49418GT	FITTING,ELBOW,45D,520320-4-6**.....1	
4	48959GT	FITTING,ELBOW,90D,520220-12.....4		39	48904GT	ELBOW,90D,520220-4-4.....2	
5	49117-2641GT	HOSE ASSY,1/4,90 FEM,STR FEM.....1 to SN 439		40	61263GT	UNION,STR.THREAD 20.....1	
--	49119-2628GT	HOSE ASSY,1/4,STR FEM,STR FEM from SN 440		41	75654GT	CONN,520120-20.....1	
6	49117-2841GT	HOSE ASSY,1/4,90 FEM,STR FEM.....1 to SN 439		42	49141-2863GT	HOSE ASSY,1/2,45 FEM,STR FEM.....2	
--	49119-2828GT	HOSE ASSY,1/4,STR FEM,STR FEM from SN 440		43	49119-2378GT	HOSE ASSY,1/4,STR FEM,STR FEM.....1	
7	49151-4048GT	HOSE ASSY,3/4,STR FEM,STR FEM.....1		44	49119-1678GT	HOSE ASSY, 1/4,STR FEM,STR FEM....1	
8	49151-9398GT	HOSE ASSY,3/4,STR FEM,STR FEM.....1		45	75253GT	STRAINER ASSY,#16 O-RING.....1	
9	48905GT	CONN,520120-4***.....3		46	48996GT	VALVE,BALL,16 MSAE-16 FSAE***.....1	
10	48998GT	NIPPLE,DIAGNOSTIC,#6 PORT***.....4		47	48984GT	CONN,520120-16.....1	
--	48880GT	CAP,DIAGNOSTIC NIPPLE		48	88942-16554GT	HOSE ASSY,1",90 FEM,STR FEM.....1	
11	48933GT	CONN,520120-8***.....6		49	48932GT	FITTING,ELBOW,90D,520220-8***.....2	
12	48960GT	FITTING,CONN,520120-12***.....3		50	75257GT	STRAINER ASSY,#24 O-RING.....1	
13	61073-3530GT	HOSE ASSY,3/4,90 FEM,STR FEM.....1		51	75254GT	UNION,STR.THREAD 24***.....1	
14	48927GT	CONN,520120-6-4.....2		52	75256GT	VALVE BALL,24 FSAE-24 FSAE***.....1	
15	88353GT	ELBOW,45D,520320-20.....1		53	106820-1663GT	HOSE ASSY,2",90D FEM STR FEM.....1	
16	49128-2409GT	HOSE ASSEMBLY,3/8".....2 to SN 439		54	101793-2573GT	HOSE ASSY,1/4,STR FEM,STR MAL.....2	
--	49128-2709GT	HOSE ASSEMBLY,3/8 from SN 440		55	49207GT	NIPPLE,DIAGNOSTIC,ORFS,FM,SWIV..2	
17	88441-4140GT	HOSE ASSY,1 1/4"STR FEM,STR FE.....1		--	48880GT	CAP,DIAGNOSTIC NIPPLE	
18	49183-5092GT	HOSE ASSY,1/2,STR FEM,STR FEM*.....1					
19	61073-15930GT	HOSE ASSY,3/4,90 FEM,STR FEM.....1					
20	48916GT	FITTING,CONN,520120-6.....2					
21	48937GT	ELBOW,45D,520320-8.....1					
22	48963GT	FITTING,ELBOW,45D,520320-12***.....5					
23	94374-5930GT	HOSE ASSY,3/4,90 FEM,STR FEM**.....2					
24	73772-2192GT	HOSE ASSY,1/2,STR FEM,STR FEM.....1					
25	73772-1692GT	HOSE ASSY,1/2,STR FEM,STR FEM.....1					
26	48978GT	ELBOW,45D,520320-12-16.....3					
27	48946GT	CONN,520120-8-10.....1					
28	49167-2229GT	HOSE ASSEMBLY,1/2 100R1.....1					
29	49150-6730GT	HOSE ASSY,3/4,90 FEM,STR FEM.....1					
30	61083GT	CONN,520120-24.....2					
31	48961GT	TEE,RUN,520428-12.....1					
32	49150-3630GT	HOSE ASSY,3/4,90 FEM,STR FEM.....1					
33	49150-17830GT	HOSE ASSY,3/4,90 FEM,STR FEM.....1					
34	56604GT	CONN,520120-10-8.....2					
35	106382GT	CONN,520120-16 LONG.....1					

712.1 Hydraulic Hoses and Fittings, Boom Components

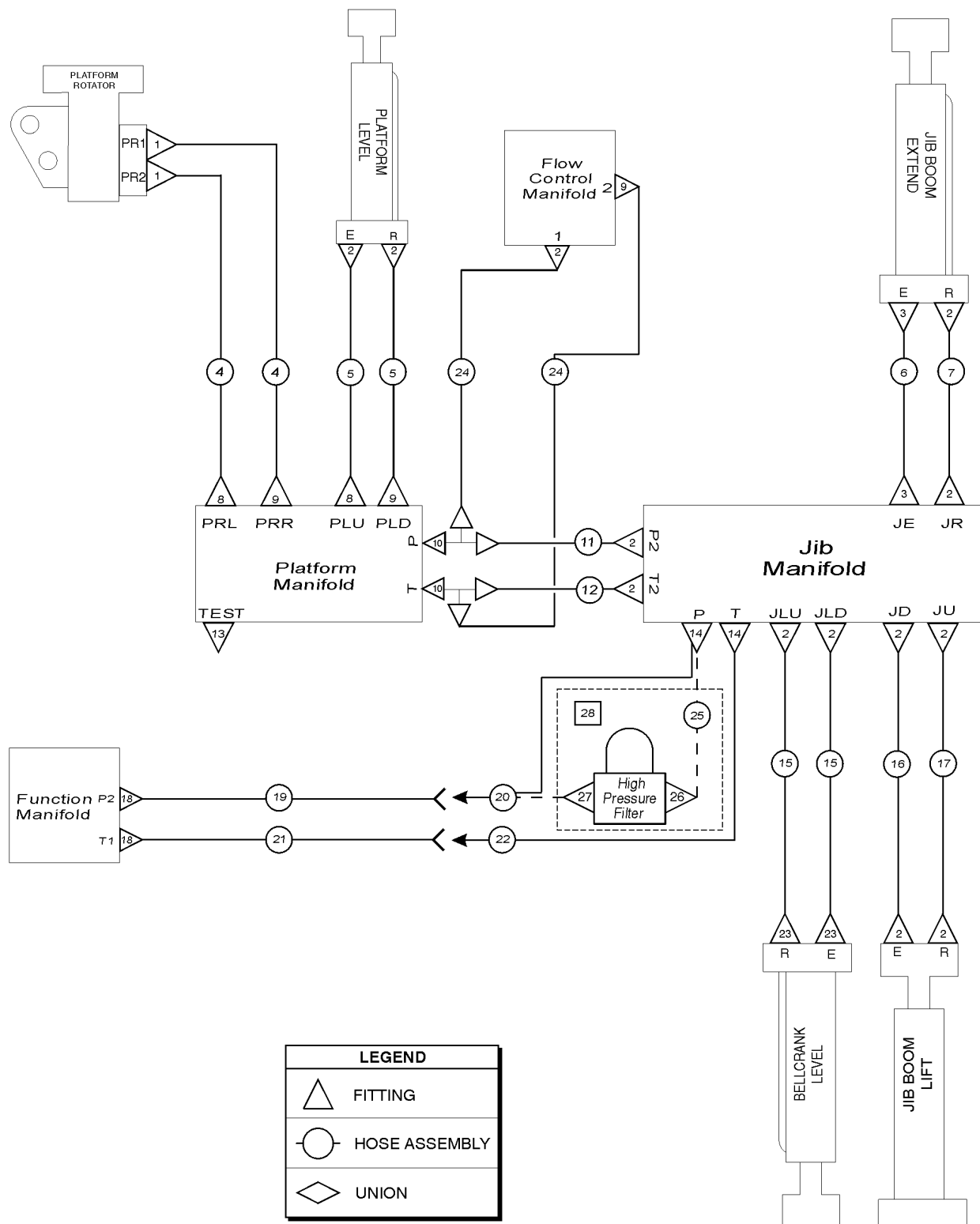
LEGEND	
	FITTING
	HOSE ASSEMBLY
	UNION



712.1 Hydraulic Hoses and Fittings, Boom Components

Item	Part No.	Description	Qty.
--		COVER,HOSES & CABLES <i>refer to 510.1, 510.2 or 515.1</i>	
1	~~106822-109726~~ GT	HOSE ASSY,1/2,STR FEM STR FEM.....1 <i>to SN 161</i>	
--	~~106822-109026~~ GT	HOSE ASSY,1/2,STR FEM STR FEM <i>from SN 162</i>	
2	48943GT	FITTING,CONN,520120-8-6.....2	
3	~~106822-108826~~ GT	HOSE ASSY,1/2,STR FEM STR FEM <i>from SN 162</i>	
3	~~106822-110026~~ GT	HOSE ASSY,1/2,STR FEM STR FEM.....1 <i>to SN 161</i>	
4	48933GT	CONN,520120-8***.....7	
5	~~106822-105726~~ GT	HOSE ASSY,1/2,STR FEM STR FEM.....1 <i>to SN 161</i>	
--	~~106822-105026~~ GT	HOSE ASSY,1/2 STR FEM STR FEM <i>from SN 162</i>	
6	48894GT	CONN,BULKHEAD,520601-8.....1	
7	49141-3213GT	HOSE ASSY,1/2,45 FEM,STR FEM.....1	
8	48937GT	ELBOW,45D,520320-8.....1	
9	48960GT	FITTING,CONN,520120-12*** 5	
10	~~106821-105226~~ GT	HOSE ASSY,3/4,STR FEM STR FEM.....1 <i>to SN 161</i>	
--	~~61074-105826~~ GT	HOSE ASSY, 3/4, STR FEM, STR <i>from SN 162</i>	
11	48968GT	CONN,BULKHEAD,520601-12.....1	
12	61072-3293GT	HOSE ASSY,3/4,45 FEM,STR FEM.....1	
13	48963GT	FITTING,ELBOW,45D,520320-12*** 1	
14	48916GT	FITTING,CONN,520120-6.....5	
15	48959GT	FITTING,ELBOW,90D,520220-12.....2	
16	~~106817-8829~~ GT	HOSE ASSY,3/4,90D FEM STR FEM.....1	
17	49130-1307GT	HOSE ASSY,3/8"STR FEM,STR FEM.....2	
18	~~106817-9629~~ GT	HOSE ASSY,3/4,90D FEM STR FEM.....1	
19	49183-13192GT	HOSE ASSY,1/2,STR FEM,STR FEM.....1	
20	61074-13248GT	HOSE ASSEMBLY 3/4" STR-STR.....1	
21	49183-14992GT	HOSE ASSY,1/2,STR FEM,STR FEM.....1	
22	49130-14682GT	HOSE ASSY,3/8"STR FEM, STR FEM.....1	

713.1 Hydraulic Hoses and Fittings, Platform Components

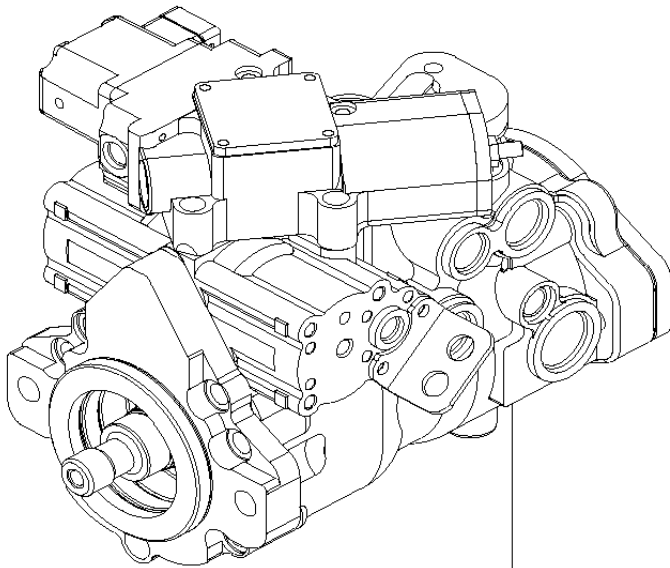
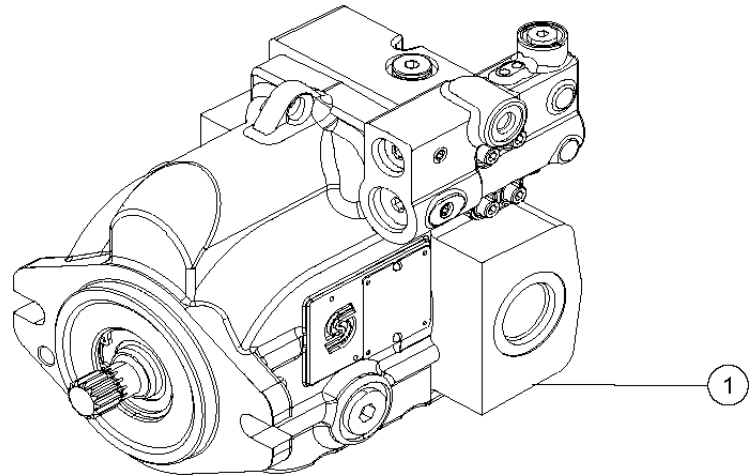


713.1 Hydraulic Hoses and Fittings, Platform Components

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	48907GT	ELBOW,45D,520320-4.....	2	28		KIT, JIB FILTRATION	
2	48905GT	CONN,520120-4***.....	13			(Refer to 514.1) includes items 25, 26 and 27	
3	48916GT	FITTING,CONN,520120-6.....	2				
4	49119-3378GT	HOSE ASSY,1/4,STR FEM,STR FEM.....	2				
5	49119-5378GT	HOSE ASSY,1/4,STR FEM,STR FEM.....	2				
6	49126-2283GT	HOSE ASSY,3/8,45 FEM,STR FEM.....	1				
7	49116-2387GT	HOSE ASSY,1/4,45 FEM,STR FEM.....	1				
8	61259GT	ELBOW,90D,LONG,521520-4.....	2				
9	48904GT	ELBOW,90D,520220-4-4.....	3				
10	48906GT	TEE,RUN,520428-4.....	2				
11	49119-33378GT	HOSE ASSY,1/4,STR FEM,STR FEM.....	1				
		to SN 376					
--	49119-34378GT	HOSE ASSY 1/4, STR FEM,STR FEM					
		from SN 377					
12	49119-33178GT	HOSE ASSY,1/4,STR FEM,STR FEM.....	1				
		to SN 376					
--	49119-34178GT	HOSE ASSY,1/4,STR FEM,STR FEM					
		from SN 377					
13	48998GT	NIPPLE,DIAGNOSTIC,#6 PORT***.....	1				
--	48880GT	CAP,DIAGNOSTIC NIPPLE					
14	48937GT	ELBOW,45D,520320-8.....	2				
15	49119-4178GT	HOSE ASSY,1/4,STR FEM,STR FEM.....	2				
16	49119-12778GT	HOSE ASSY,1/4,STR FEM,STR FEM.....	1				
17	49119-12478GT	HOSE ASSY,1/4,STR FEM,STR FEM.....	1				
18	48933GT	CONN,520120-8***.....	2				
19	~~10682-10228GT~~	HOSE ASSY,1/2,STR FEM STR FEM.....	1				
		to SN 161					
--	~~10682-10178GT~~	HOSE ASSY,1/2 STR FEM STR FEM					
		from SN 162					
20	~~10681867247GT~~	HOSE ASSY,1/2,STR FEM STR MALE....	1				
		to SN 376					
--	~~10681867047GT~~	HOSE ASSY,1/2,STR FEM STR MALE					
		from SN 377					
21	~~7372-101592GT~~	HOSE ASSY,1/2,STR FEM STR FEM.....	1				
22	~~10681967613GT~~	HOSE ASSY,1/2,STR FEM STR MALE....	1				
		to SN 376					
--	~~10681967413GT~~	HOSE ASSY,1/2,STR FEM STR MALE					
		from SN 377					
23	48912GT	CONN,520120-4-6***.....	2				
24	1261517GT	HOSE ASSY,1/4,90 FEM,STR FEM.....	2				
25	81812-2292GT	HOSE ASSY,1/2,STR FEM,STR FEM					
		(Included in kit 1268830)					
26	48948GT	CONN,520120-8-12					
		(Included in kit 1268830)					
27	48947GT	ELBOW,90D,520220-8-12					
		(Included in kit 1268830)					

714.1 Pumps

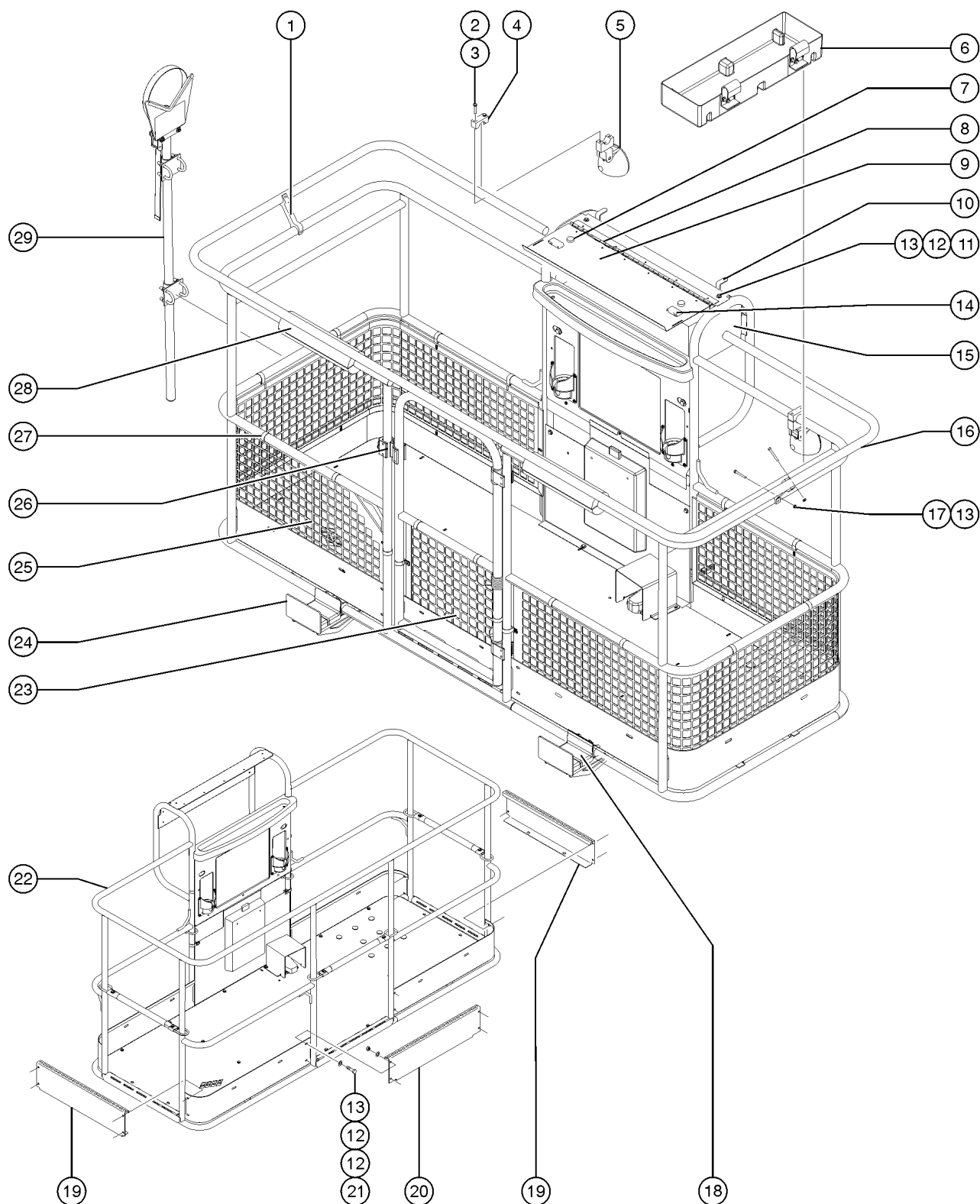
Function Pump



Drive Pump

Item	Part No.	Description	Qty.
1	106386GT	PUMP,LIFT,PISTON,45CC.....1	
--	122669GT	SEAL KIT	
--	139339GT	KIT,PUMP CONTROL,PISTON	
2	101068GT	PUMP,PISTON,46CC,B MOUNT,13T**....1	
--	29739GT	SEAL KIT,SAUER-DANFOSS M46***	
--	52087GT	O-RING,2-044 BUNA***	
--	77819GT	EDC ASSY,SAUER M46***	

801.1 Platform Accessories



801.1 Platform Accessories

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	53808-SGT	AUX TOP RAIL,6'(1.25")SERVICE <i>includes items 1, 13 and 16-17</i>		18	56934GT	PAD,REST,1"THICK,FLANGED.....	4
--	53807-SGT	AUX TOP RAIL,8'(1.25")SERVICE <i>includes items 1, 13 and 16-17</i>		19	102721PGT	TOEBOARD,8'TRI ENTRY.....	2
--	102721PGT	TOEBOARD,8'TRI ENTRY <i>includes items 12, 13, and 19-21</i>		--	139438GT	TOEBOARD, TRI ENTRY 6', EURO	
--	88609-SGT	CONTROL BOX COVER ASSY*** <i>includes items 8,9, 11-13, 15; to SN 1021</i>		20	94745PGT	TOEBOARD,ENTRY EUROPEAN PNTD**	1
--	T109328GT	ACC,PLAT CONTROL COVER, SERV <i>includes items 7-15; from SN 1022</i>		21	6090GT	SCREW,HHC,1/4-20 X .75	
--	77683GT	ACCESSORY,PANEL CRADLE,ANSI <i>Includes items 18, 24 and 28 (ANSI models)</i>		22	229359GT	PLAT ASSY, 8'TRI, ANSI W/WORD (complete) with ANSI word decal; to SN 778	
--	94493-SGT	KIT,PANEL CRADLE,CE <i>Includes items 18, 24 and 28 (CE models)</i>		--	229360GT	PLAT ASSY, 8'TRI, AUS W/WORD (complete) with Australia word decal; to SN 778	
1	139958GT	KIT, AUX TOP RAIL SUPPORT.....	10 to SN 593	--	229361GT	PLAT ASSY, 8'TRI, ANSI W/SYM (complete) with ANSI symbol decal; to SN 778	
--	122073GT	SUPPORT, RAILING <i>from SN 594</i>		--	229362GT	PLAT ASSY, 8'TRI, CE W/SYM (complete) with CE symbol decal; to SN 778	
2	6145GT	SCREW,HHC,1/4-20 X 1.5		--	229363GT	PLAT ASSY, 8'TRI, ANSI W/WORD (complete) with ANSI word decal; from SN 779	
3	6356GT	WASHER,LOCK,.25		--	229364GT	PLAT ASSY, 8'TRI, AUS W/WORD (complete) with Australia word decal; from SN 779	
4	35956GT	BRACKET,WORK LIGHT MOUNT 5/16".....	2	--	229365GT	PLAT ASSY, 8'TRI, ANSI W/SYM (complete) with ANSI symbol decal; from SN 779	
5	107857GT	LIGHT, 12 VOLT.....	2	--	229366GT	PLAT ASSY, 8'TRI, CE W/SYM (complete) with CE symbol decal; from SN 779	
--	35960GT	BULB,WORKLIGHT,12V 35W		23	128368GT	KIT,SWING GATE W/SPRING.....	1 to SN 382
5A	98027GT	PLATFORM WORKLIGHTS,110V,150W.....	1	--	9596GT	HINGE CASTING <i>Special welding requirements for installation of this component. Strongly suggest ordering 128368 OR contact Genie Service for welding requirements.</i>	
6	9599-SGT	TOOL TRAY.....	1	--	119950GT	KIT,FIELD INSTALL,SWING GATE to SN 382; includes 128368	
7	43392GT	BUMPER,BATTERY BOX & RAILS		--	128374GT	WELDMENT,SWING GATE,ALUMINUM from SN 383	
8	111526GT	HINGE,PLAT CONTROL BOX COVER...1		--	1488GT	RAILING CATCH CASTING--DRILLED	
9	89915GT	COVER,CONTROL BOX LID.....	1 (no latch); to SN 1021	--	1487GT	GATE LATCH CASTING--DRILLED	
--	102785PGT	CONTROL BOX COVER,LID,PTD (with latch); from SN 1022		--	33674GT	PIN,LOCK,SHORT***	
10	102786PGT	FORMING,LATCH,CTRL BOX LID PTD from SN 1022		--	42104GT	SPRING,SHORT PLATFORM GATE	
--	6888GT	SCREW,HHC,1/4-20 X 1.....	4 not shown (bolts latch 102786 to the cover)	--	43392GT	BUMPER,BATTERY BOX & RAILS	
11	6090GT	SCREW,HHC,1/4-20 X .75.....	4	24		BRACKET BASE ASSEMBLY 89724 is no longer available. Must install 2 each (two) of service kit 233992 (ANSI) or 233993 (CE) for initial replacement.	
12	6638GT	WASHER,FLAT,USS,1/4"Y		--	233992GT	KIT,PANEL CRADLE BRACKET,WORD.....	1 (ANSI models)
13	6889GT	NUT,LP NYLOCK,1/4-20					
14	30468GT	LATCH,SLIDE, FLUSH MOUNT STYLE from SN 1022					
15	88606PGT	COVER,CONTROL BOX RIGHT SIDE**.....	1				
--	88607PGT	COVER,CONTROL BOX LEFT SIDE***					
16	52661GT	PINCH GUARD RAIL,8' PLATFORM**....	1				
--	31120GT	PLUG,NYLON 1.187 BLACK DOMED					
17	4266GT	SCREW,HHC,1/4-20 X 2					

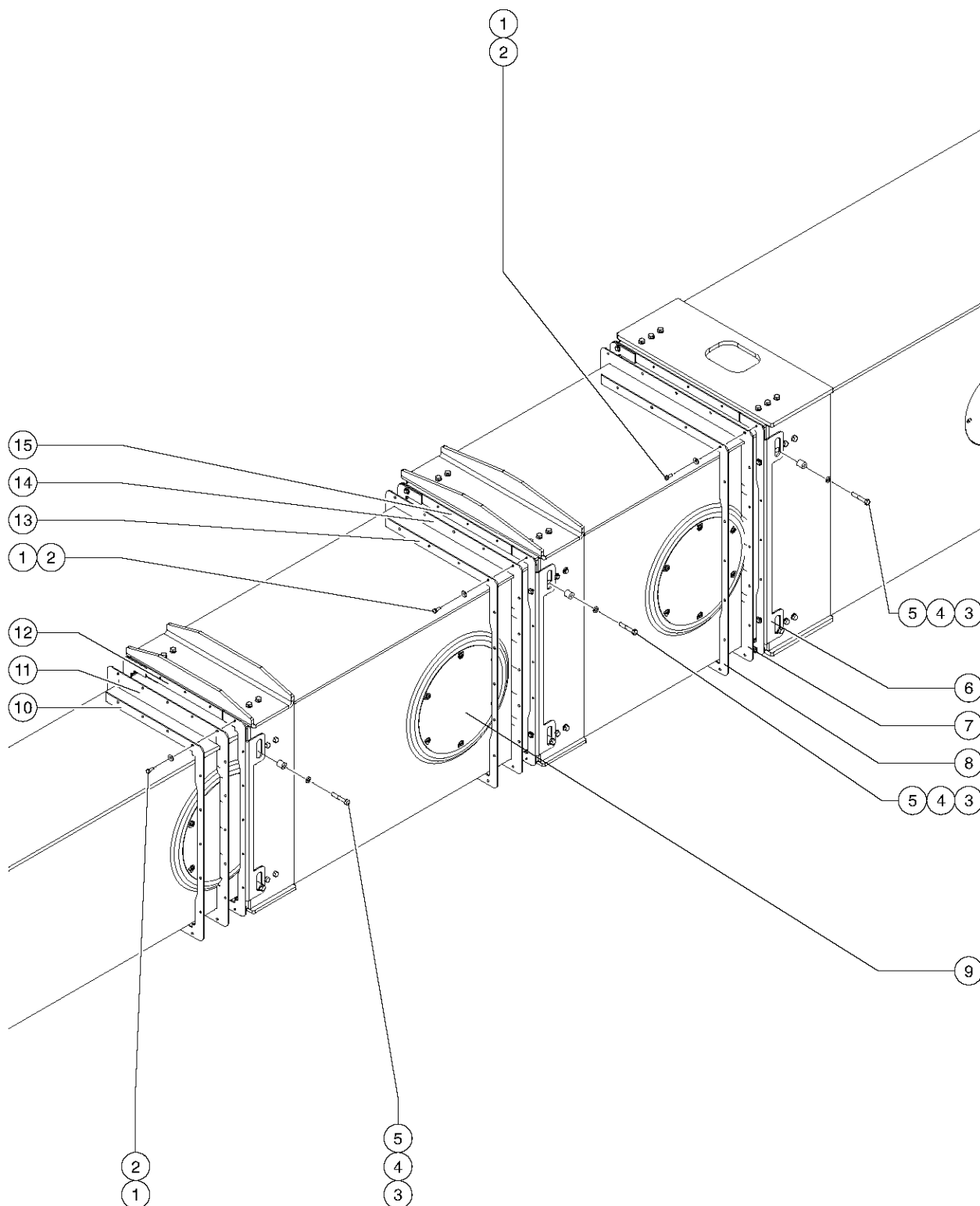
801.1 Platform Accessories

(continued)

Item	Part No.	Description	Qty.
--	233993GT	KIT,PANEL CRADLE BRACKET,SYMBL.....1 (CE models)	1
25	73501GT	HALF MESH,8'PLATFORM,LH.....1	1
--	54457GT	MESH,HALF,SWING GATE***	
--	73500GT	HALF MESH,8'PLATFORM,RH***	
26	1487GT	GATE LATCH CASTING--DRILLED.....1	1
--	63311GT	SNAP PIN	
27	56424GT	CLAMP,1.25X.5 RUBBER-CUSHION....14	14
28	88377GT	FOAM PAD, 3" OD X 1.25" ID,STR.....2	2
29	85300GT	PIPE CRADLE ASSY. SERV (ONE)**.....2	2

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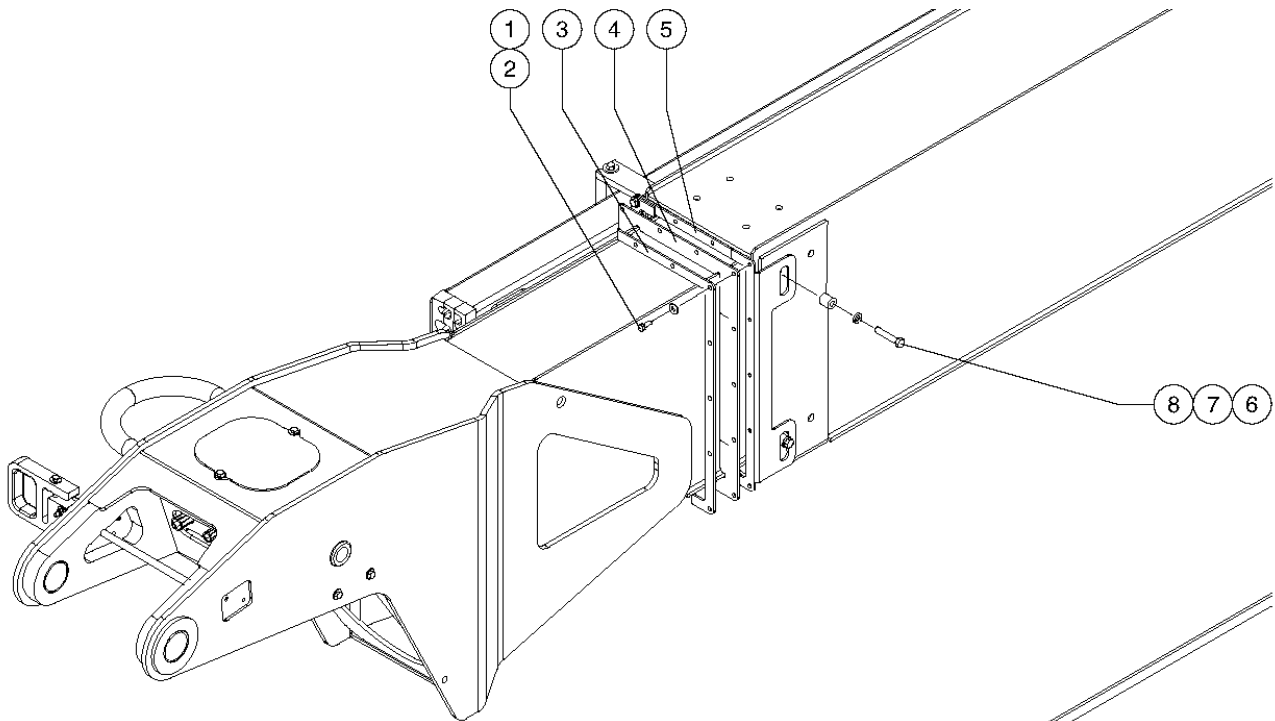
802.1 Hostile Environment Option - Secondary Boom Wipers



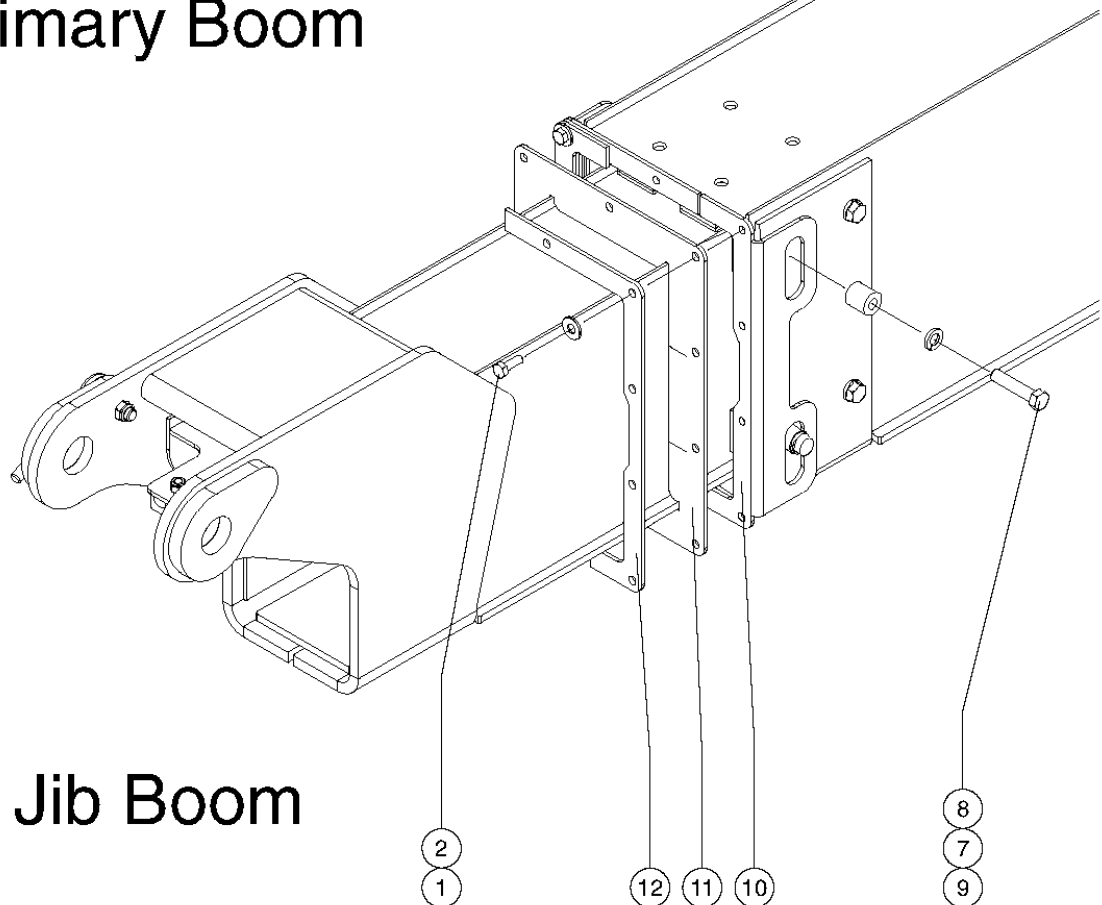
802.1 Hostile Environment Option - Secondary Boom Wipers

Item	Part No.	Description	Qty.
1	6090GT	SCREW,HHC,1/4-20 X .75	
2	6638GT	WASHER,FLAT,USS,1/4"Y	
3	6708GT	SCREW,HHC,3/8-16 X 2.25	
4	6021GT	WASHER,LOCK,,.375	
5	101932GT	TUBE,RD,STL,DOM,,.75X.38X.78.....12	
6	101733GT	BRACKET,WIPER #1 TO #2.....2	
7	106145GT	WIPER,#1 TO #2.....1	
8	101734GT	PLATE,WIPER BACKING #1 TO #2.....2	
9	106105GT	COVER,RISER SIDE HOLES.....46	
10	101740PGT	PLATE,WIPER BACKING #3TO#4 PTD.....2	
11	101738GT	WIPER,#3 TO #4.....1	
12	101739PGT	BRACKET,WIPER #3 TO #4 PAINTED....2	
13	101737GT	PLATE,WIPER BACKING #2 TO #3.....2	
14	101735GT	WIPER,#2 TO #3.....1	
15	101736GT	BRACKET,WIPER #2 TO #3.....2	

802.2 Hostile Environment Option - Primary and Jib Boom Wipers, Cable Track Covers



Primary Boom

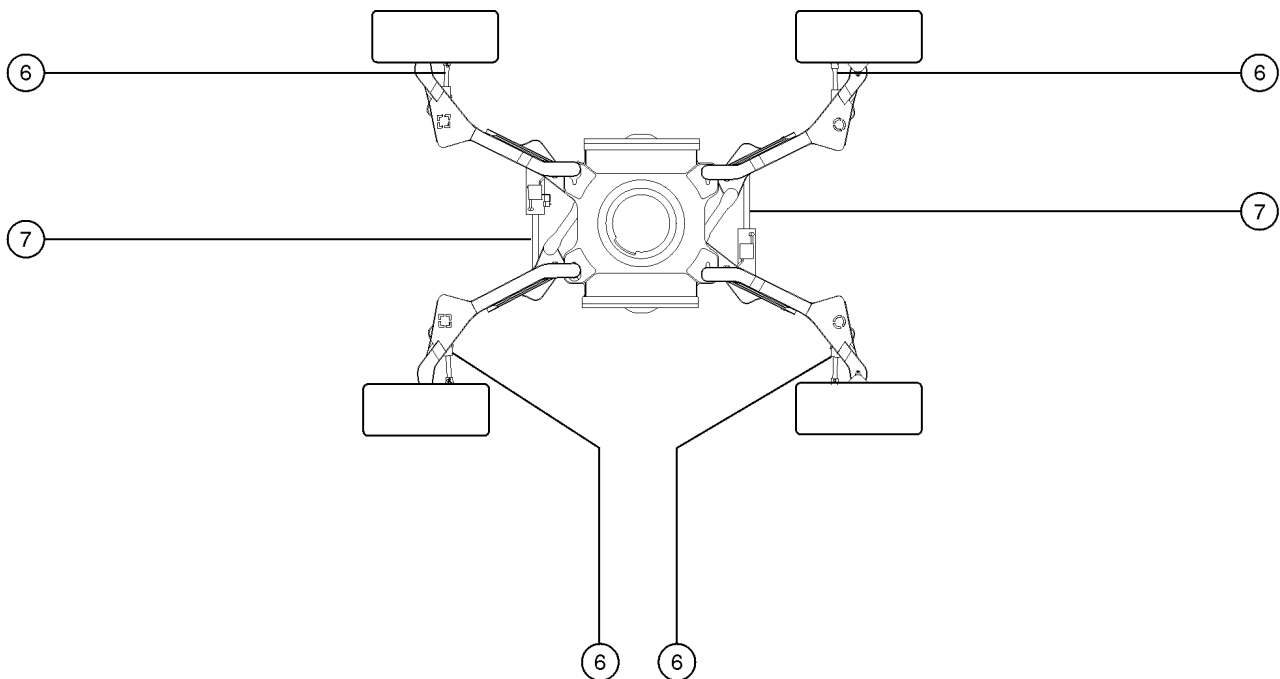
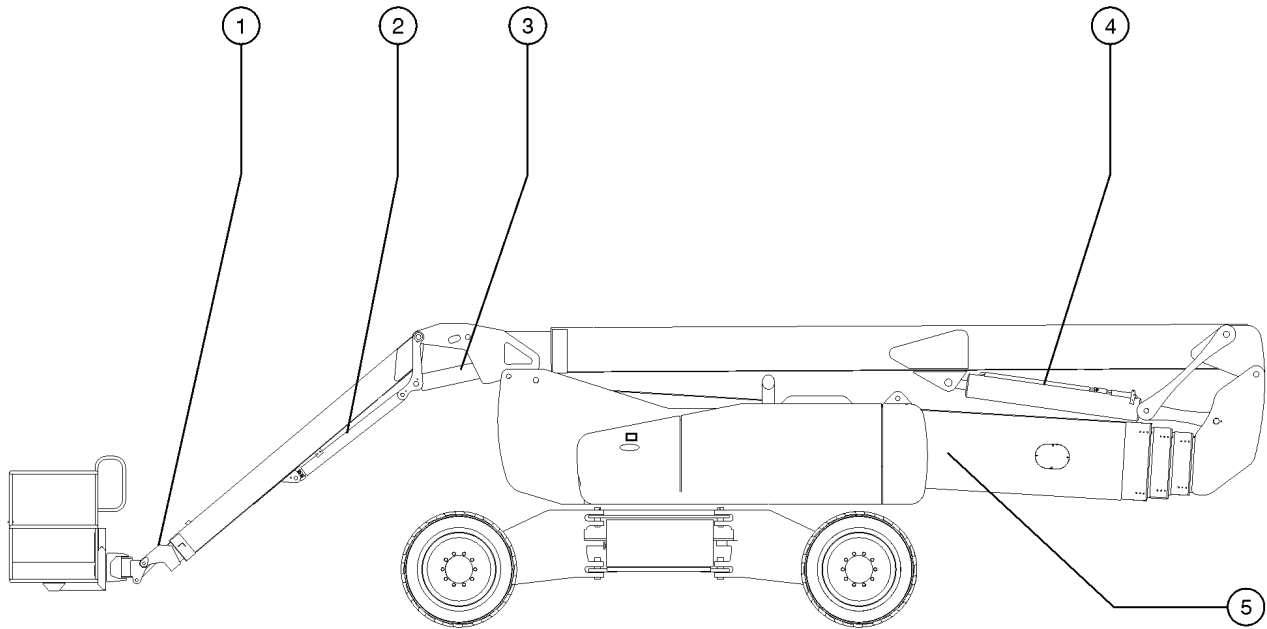


Jib Boom

802.2 Hostile Environment Option - Primary and Jib Boom Wipers, Cable Track Covers

Item	Part No.	Description	Qty.
--	106161GT	COVER,CABLE TRACK,15 LINK	
--	106162GT	COVER,CABLE TRACK,27 LINK	
--	106733GT	COVER,CABLE TRACK,11 LINK	
1	6090GT	SCREW,HHC,1/4-20 X .75	
2	6638GT	WASHER,FLAT,USS,1/4"Y	
3	101743PGT	PLATE,WIPER BACKING PRI.EXT.P.....2	
4	101741GT	WIPER,PRI.-PRI EXT.....1	
5	101742PGT	BRACKET,WIPER PRI-PRI EXT.PTD.....2	
6	5224GT	SCREW,HHC,3/8-16 X 2	
7	6021GT	WASHER,LOCK,.375	
8	101932GT	TUBE,RD,STL,DOM,.75X.38X.78.....8	
9	13918GT	SCREW,HHC,3/8-16 X 1.75,GRD.8	
10	101745GT	BRACKET,WIPER JIB-JIB EXT.....2	
11	101744GT	WIPER, JIB-JIB EXTENSION.....1	
12	101746GT	BRACKET,WIPER BACKING JIB EXT.....2	

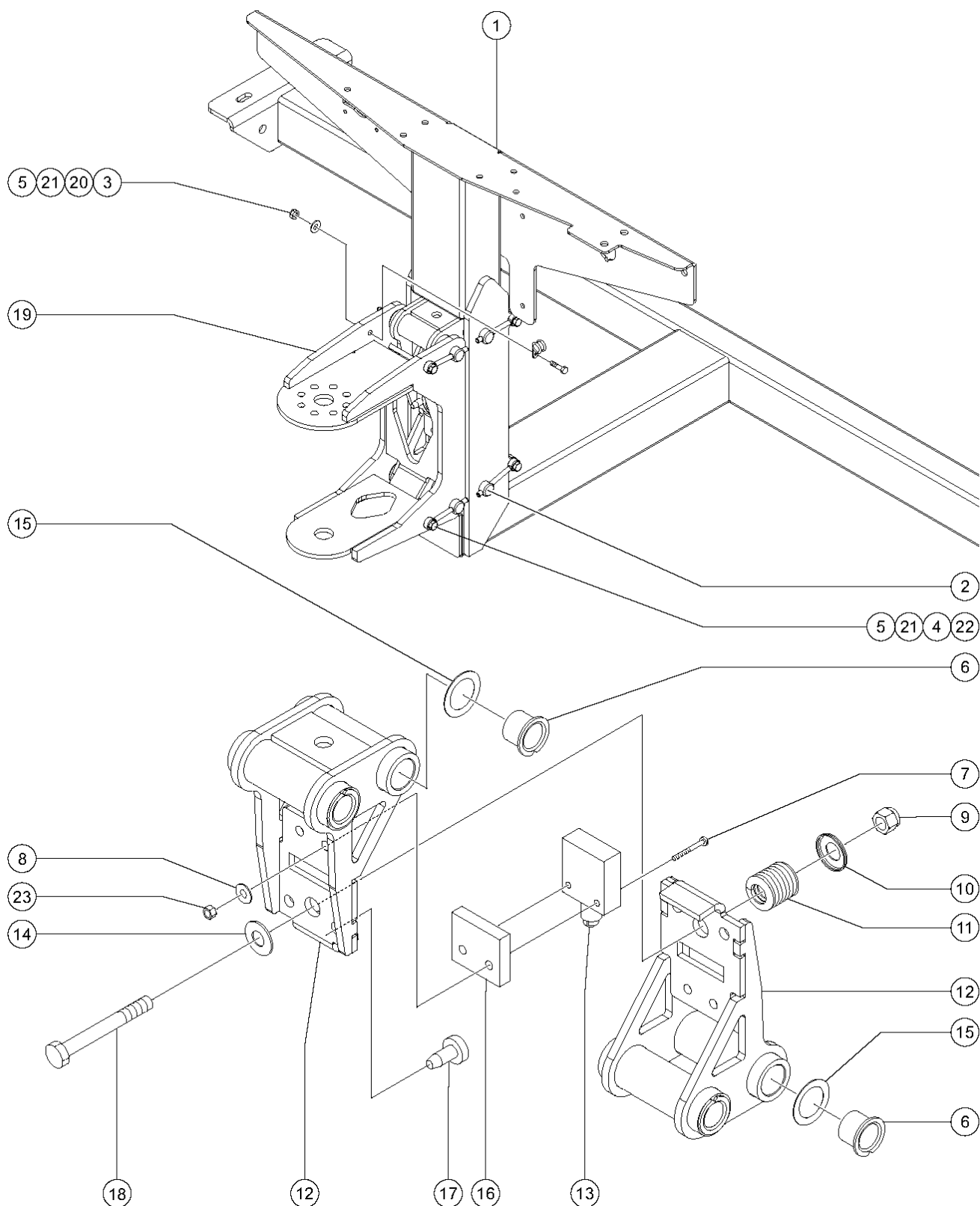
803.1 Hostile Environment Option - Bellows Installation



803.1 Hostile Environment Option - Bellows Installation

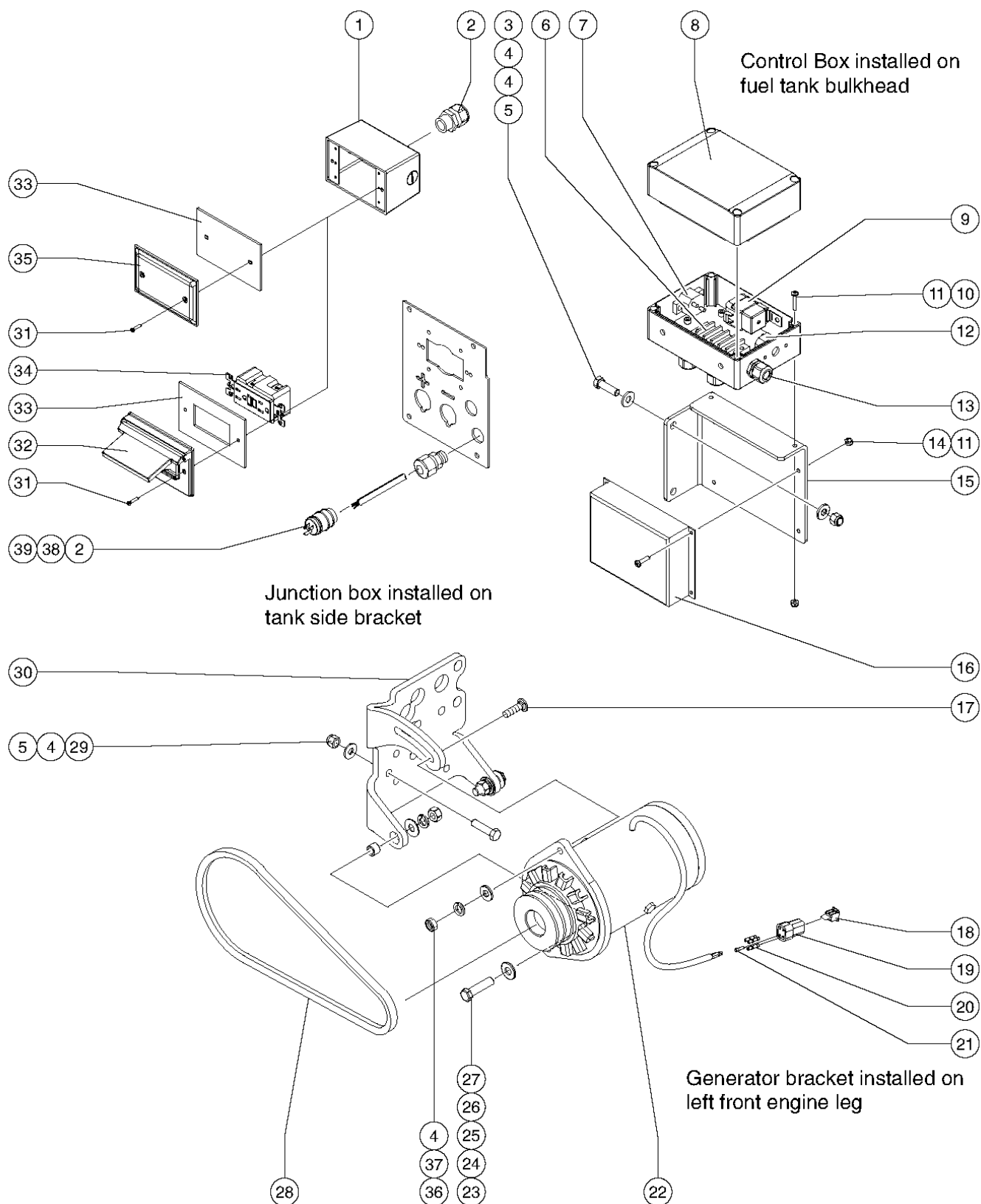
Item	Part No.	Description	Qty.
1	101810GT	BELLOWS,CYL,PLATFORM LEVEL ***...1	
--	30971GT	CLAMP,HOSE,3.00"	
--	36208GT	CLAMP,HOSE,1.25***	
2	101846GT	BELLOWS,JIB LIFT CYLINDER*** 1	
--	34955GT	CLAMP,HOSE,5.00	
3	106732GT	BELLOWS,BELLCRANK LEVEL CYL*** 1	
--	30971GT	CLAMP,HOSE,3.00"	
--	35432GT	CLAMP,HOSE,6.50	
4	101847GT	BELLOWS,PRIMARY LIFT CYLINDER...1	
--	30489GT	CLAMP,HOSE,3.50	
--	31523GT	CLAMP,HOSE,8.50 DIA***	
5	106182GT	BELLOWS,RISER LIFT CYLINDER*** 1	
--	31523GT	CLAMP,HOSE,8.50 DIA***	
--	35432GT	CLAMP,HOSE,6.50	
6	60627GT	COVER,PROTECTIVE,STEER CYL ***...4	
--	22672GT	CLAMP,HOSE,1.75	
--	30489GT	CLAMP,HOSE,3.50	
7	106007GT	BELLOWS,AXLE EXTEND CYLINDER** 2	
--	35432GT	CLAMP,HOSE,6.50	
--	35434GT	CLAMP,HOSE,2.00***	

804.1 Load Sense



Item	Part No.	Description	Qty.
1	61997GT	WELDMENT,PLATFORM SUPPORT,CE.....1 <i>CE models</i>	
2	61726GT	PIN,0.75DIA X 5.75LG,CHAMFER.....4	
--	94643GT	ZERK,GREASE,5/16-24,STRAIT	
3	6888GT	SCREW,HHC,1/4-20 X 1	
4	45748GT	ROD END,.250 X 2.75 LG	
5	6091GT	NUT,NYLOCK,1/4-20	
6	25685GT	BEARING,GARLOCK,12FDU12.....8	
7	73634GT	SCREW,PHIL,PHM,10-24X1.5 ZINC	
8	6146GT	WASHER,FLAT,MS,#10,Y	
9	4828GT	NUT,NYLOCK,3/8-16	
10	61977GT	RETAINER,SPRING,1.46 X .375.....1	
11	61976GT	SPRING,COMP,1-1/4"OD 352 LB/IN.....1	
12	89755GT	LOAD SUPPORT W/BEARINGS.....2 <i>includes items 6 & 15</i>	
13	101441GT	HARN,LS,PLUNGER,LOAD LIMIT.....1 <i>to SN 1711</i>	
--	146399GT	ASSY, LS, LOAD SENSE, ALC1000 <i>from SN 1712</i>	
14	6097GT	WASHER,FLAT,USS,3/8",Y	
15	110789GT	WASHER,SHIM .0151 THK.....as-needed	
16	61972GT	MOUNT,SWITCH.....1	
17	34619GT	BUMPER,RUBBER***.....2	
18	21604GT	SCREW,HHC,3/8-16 X 3.25	
19	61804GT	WELDMENT,ROTATOR SUPPORT.....1	
20	45470GT	CLAMP,0.31,#5 X 1/4,RUB CUSH.....1	
21	6638GT	WASHER,FLAT,USS,1/4"Y	
22	8915GT	SCREW,HHC,1/4-20 X 1.25	
23	5365GT	NUT,NYLOCK,10-24	

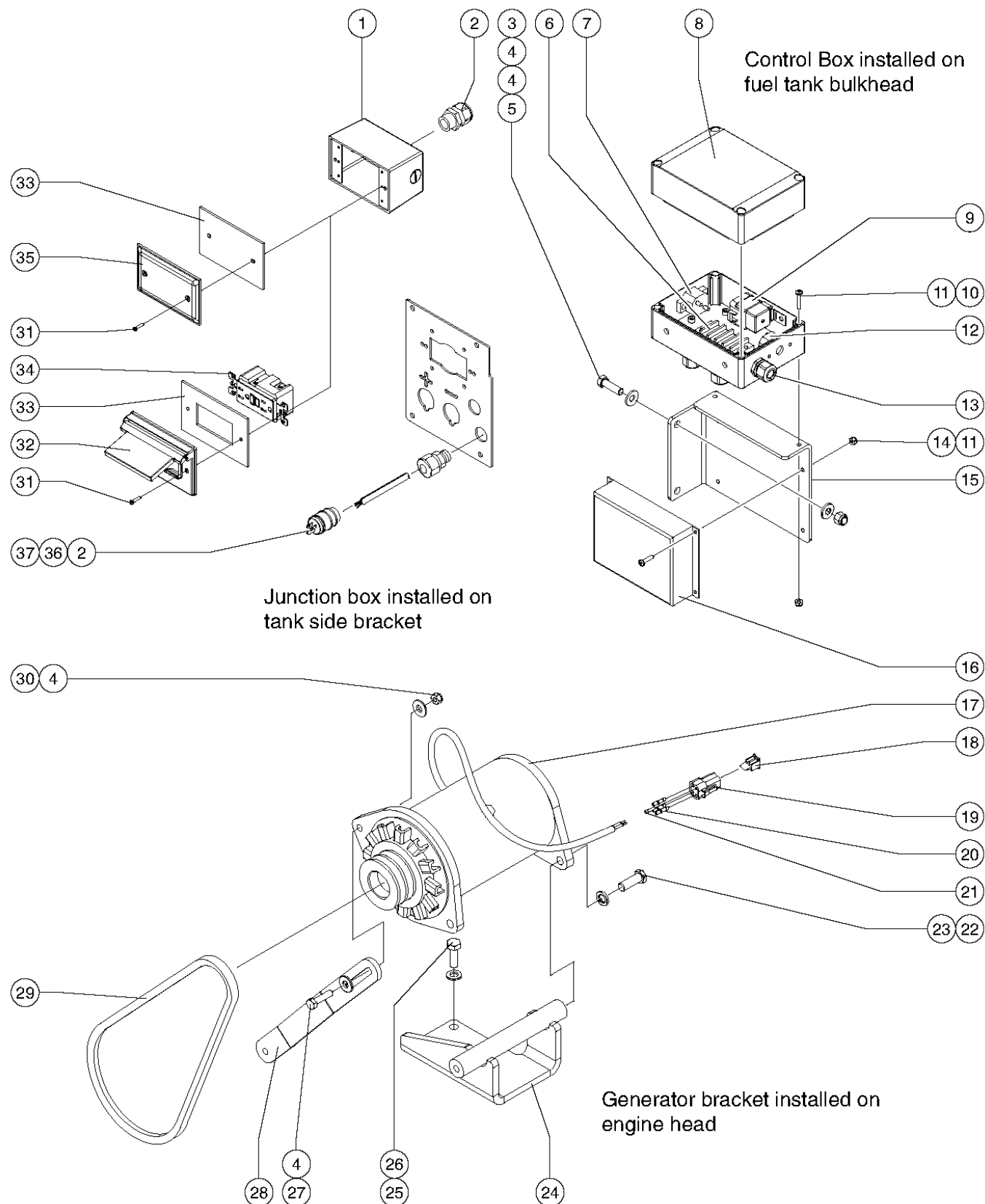
805.1 Belt Driven Generator, Deutz Models



805.1 Belt Driven Generator, Deutz Models

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	98016-SGT	GENERATOR,3500W W/REG-DEUTZ		31	63375GT	SCREW,FHM,6-32 X .75	
--	98013-SGT	GENERATOR,3000W 220/50-DEUTZ		32	74006GT	COVER,GFCI,HORIZONTAL,WEATHER.1	
--	101189GT	HARNESS,BD GEN.110V/60HZ, Z135 <i>includes items 7-14</i>		33	74052GT	GASKET,COVER,GFCI,WEATHERPROOF.1	
--	101190GT	HARNESS,BD GEN.220V/50HZ, Z135 <i>includes items 7-14</i>		34	13585GT	OUTLET, 110V.....1	
1	75069GT	T-BOX 2.75 X 4.5 X 2.5.....1		35	10777GT	COVER,BLANK.....1	
2	7057GT	CONN. SQZ,1/2NPT .39-.56 MED.....1		36	4828GT	NUT,NYLOCK,3/8-16	
3	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5		37	6021GT	WASHER,LOCK, .375	
4	5397GT	WASHER,FLAT,USS,5/16",Y		38		Ref. Power to Platform Harness, Secondary (refer to section 308.1).....1	
5	4828GT	NUT,NYLOCK,3/8-16		39	119403GT	CONN,PLUG 120 AC/15A DOMESTIC...1	
6	69776GT	TERMINAL,STRIP,4-POLE,600V***.....1		--		FUSE,13 AMP,220V PLUG.....1 <i>(component no longer available) refer to BS1362 BUSS TDC180-13A</i>	
7	60887GT	CIRCUIT BREAKER, 30 AMP.....1		--	119404GT	CONN,RECEP 120AC/15A DOMESTIC	
8	8425GT	ENCLOSURE,FG ELEC.,STOCK,7X5X4.....1		--	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44	
9	60521GT	RELAY,SEALED 30/40 AMP.....1		--	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK	
10	75041GT	SCREW,PHILLIPS,PHM,10-32 X 1		--	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	
11	6178GT	NUT,NYLOCK,10-32					
12	61195GT	CIRCUIT BREAKER, 12.5 AMP.....1					
13	7056GT	CONN, SQZ, 1/2NPT .38-.50, SM**.....1					
14	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75					
15	107528PGT	BRACKET,GENERATOR BOX MOUNT.....1					
16	60738GT	VOLTAGE REGULATOR,110V.....1					
--	60739GT	VOLTAGE REGULATOR,220V					
17	60790GT	BOLT, CARRIAGE, 3/8-16 X 1.50, G5					
18	60528GT	LOCK,PLUG 4 WAY,12-14GA.....1					
19	60527GT	CONN,PLUG 4 WAY,12-14GA.....1					
20	73712GT	TERM,SOCKET,DEUTSCH,12-14GA.....3					
21	60757GT	PLUG,SEAL,12-18 GA.....1					
22A	60707GT	GENERATOR,3500W,120V,60HZ**.....1					
--	146062GT	PULLY,GNRTR,120V,60HZ(60707) <i>for 60707 generator</i>					
22B	89908GT	GENERATOR,3000W,220V,50HZ***					
--	102681GT	PULLY, GNRTR,220V,50HZ(89908) <i>for 89908 generator</i>					
23	81852GT	SCREW,HHC,7/16-14 X 1.75					
24	45400GT	SPACER TUBE, .50 LG.....1					
25	6097GT	WASHER,FLAT,USS,3/8",Y					
26	20912GT	WASHER,LOCK, .437,PLTD.					
27	6083GT	NUT,HEX,7/16-14					
28	70397GT	BELT,AX34***.....1					
29	8516GT	SCREW, HCC, 3/8-16 X 1.50					
30	119533PGT	FORMING,GENERATOR MOUNT,PTD.....1					

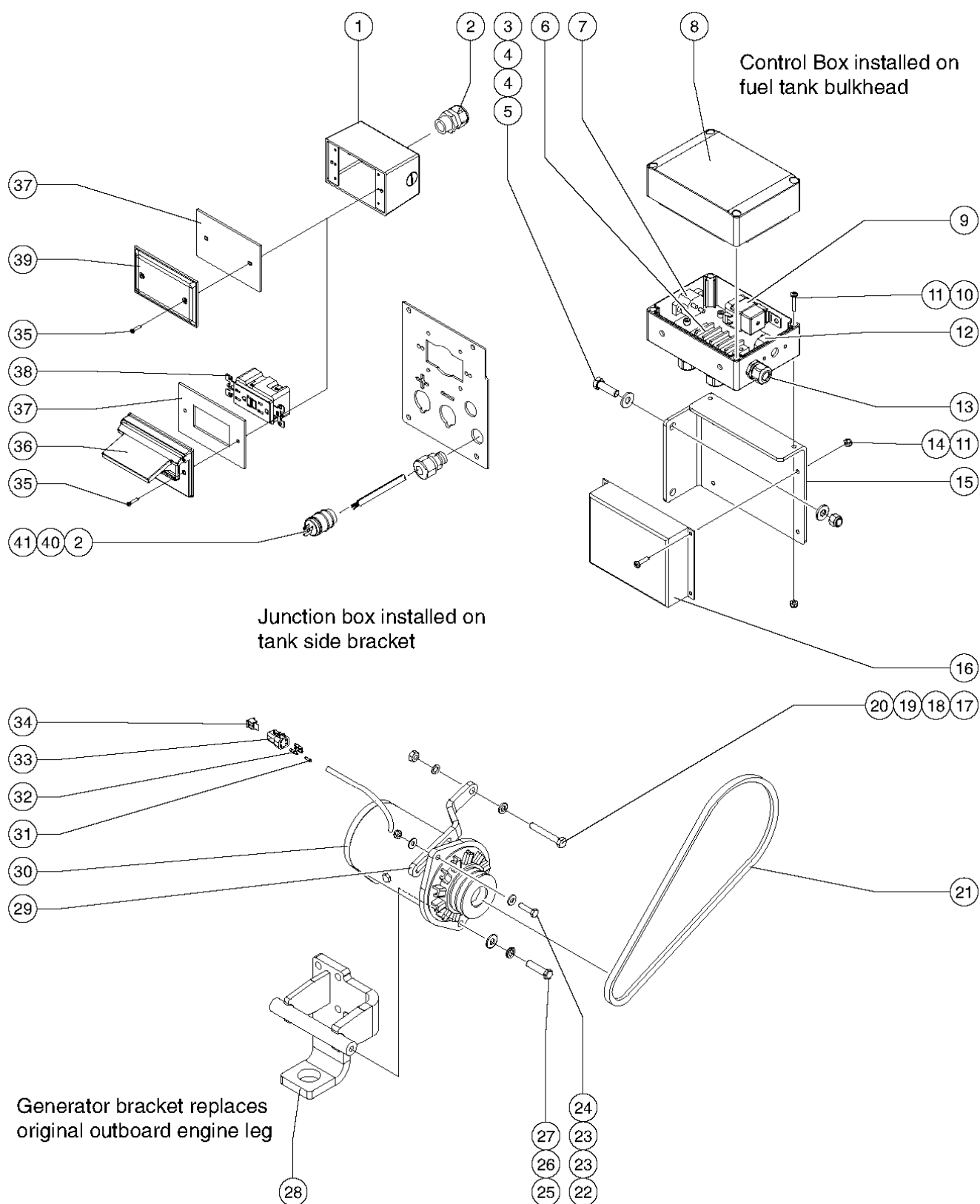
806.1 Belt Driven Generator, Cummins Models



806.1 Belt Driven Generator, Cummins Models

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	98018GT	GENERATOR,3500W W/REG-CUMMINS		32	74006GT	COVER,GFCI,HORIZONTAL,WEATHER.1	
--	99015GT	CUTTING DISC-3"		33	74052GT	GASKET,COVER,GFCI,WEATHERPROOF.1	
--	101189GT	HARNESS,BD GEN.110V/60HZ, Z135 <i>includes items 7-14</i>		34	13585GT	OUTLET, 110V.....1	
--	101190GT	HARNESS,BD GEN.220V/50HZ, Z135 <i>includes items 7-14</i>		35	10777GT	COVER,BLANK.....1	
1	75069GT	T-BOX 2.75 X 4.5 X 2.5.....1		36		Ref. Power to Platform Harness, Secondary (refer to section 303.1).....1	
2	7057GT	CONN. SQZ,1/2NPT .39-.56 MED.....1		37	119403GT	CONN,PLUG 120 AC/15A DOMESTIC...1	
3	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5		--		FUSE,13 AMP,220V PLUG.....1 <i>(component no longer available) refer to BS1362 BUSS TDC180-13A</i>	
4	5397GT	WASHER,FLAT,USS,5/16",Y		--	119404GT	CONN,RECEP 120AC/15A DOMESTIC	
5	4828GT	NUT,NYLOCK,3/8-16		--	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44	
6	69776GT	TERMINAL,STRIP,4-POLE,600V***.....1		--	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK	
7	60887GT	CIRCUIT BREAKER, 30 AMP.....1		--	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	
8	8425GT	ENCLOSURE,FG ELEC.,STOCK,7X5X4.....1					
9	60521GT	RELAY,SEALED 30/40 AMP.....1					
10	75041GT	SCREW,PHILLIPS,PHM,10-32 X 1					
11	6178GT	NUT,NYLOCK,10-32					
12	61195GT	CIRCUIT BREAKER, 12.5 AMP.....1					
13	7056GT	CONN, SQZ, 1/2NPT .38-.50, SM**.....1					
14	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75					
15	107528PGT	BRACKET,GENERATOR BOX MOUNT.....1					
16	60738GT	VOLTAGE REGULATOR,110V.....1					
--	60739GT	VOLTAGE REGULATOR,220V					
17A	60707GT	GENERATOR,3500W,120V,60HZ**.....1					
--	146062GT	PULLY,GNRTR,120V,60HZ(60707) <i>for 60707 generator</i>					
17B	89908GT	GENERATOR,3000W,220V,50HZ***					
--	102681GT	PULLY, GNRTR,220V,50HZ(89908) <i>for 89908 generator</i>					
18	60528GT	LOCK,PLUG 4 WAY,12-14GA.....1					
19	60527GT	CONN,PLUG 4 WAY,12-14GA.....1					
20	73712GT	TERM,SOCKET,DEUTSCH,12-14GA.....3					
21	60757GT	PLUG,SEAL,12-18 GA.....1					
22	88296GT	SCREW,HHC,7/16-14 X 1.25					
23	20912GT	WASHER,LOCK,.437,PLTD.					
24	101667GT	WELDMENT,GENERATOR.....1					
25	44064GT	SCREW,HHC,M10 X 30MM,					
26	22699GT	WASHER,FLAT,M10,ZINC PLTD.					
27	13000GT	SCREW,HHC,5/16-18 X 1.25					
28	101668GT	BRACKET,GENERATOR ADJUSTER.....1					
29	107547GT	BELT,AX40.....1					
30	6782GT	NUT,NYLOCK,5/16-18					
31	63375GT	SCREW,FHM,6-32 X .75					

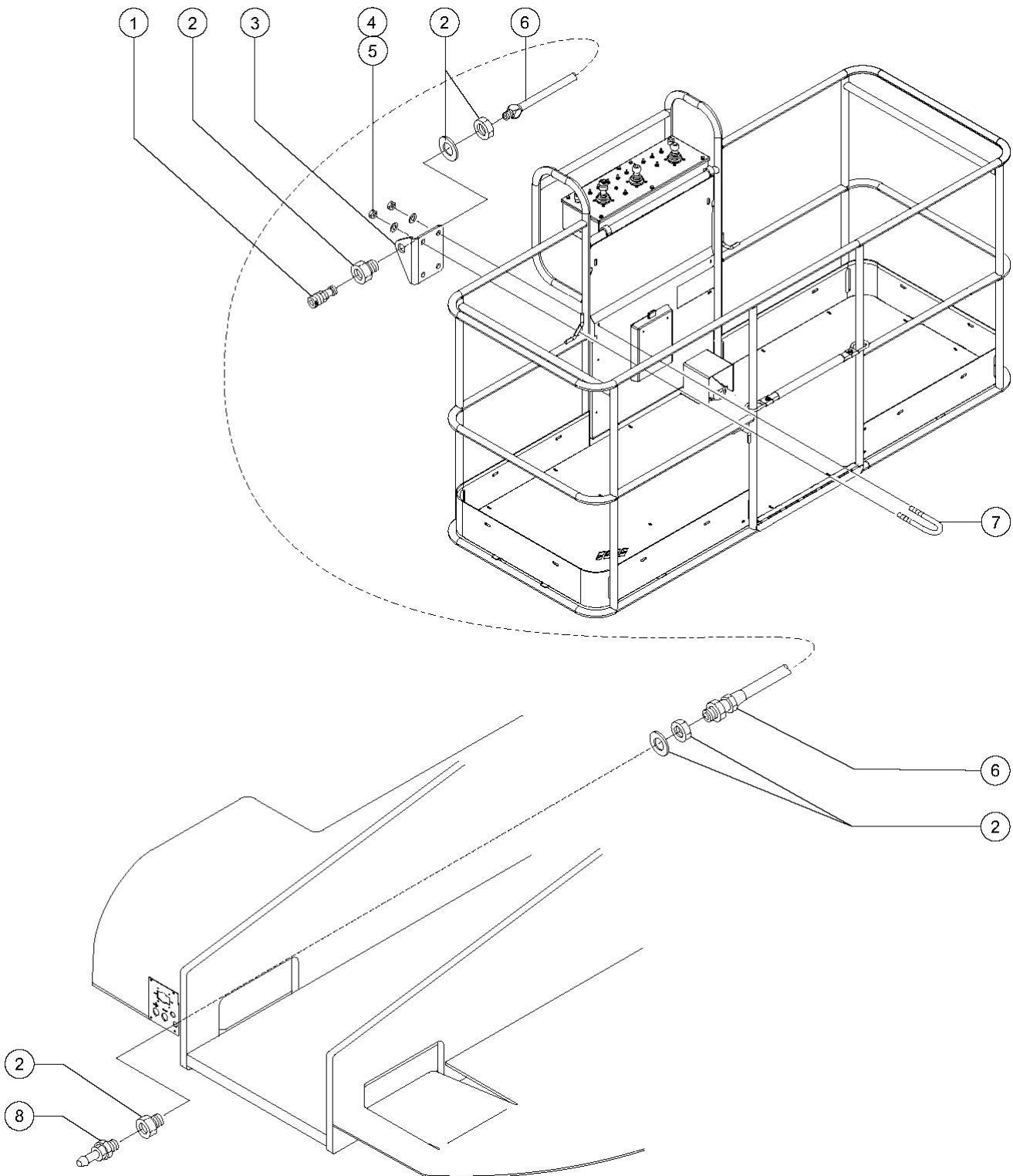
807.1 Belt Driven Generator, Perkins Models



807.1 Belt Driven Generator, Perkins Models

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	98017GT	GENERATOR,3500W W/REG-PERKINS		31	60757GT	PLUG,SEAL,12-18 GA.....1	
--	98014GT	GENERATOR,3000W 220/50-PERKINS		32	73712GT	TERM,SOCKET,DEUTSCH,12-14GA.....3	
--	101189GT	HARNESS,BD GEN.110V/60HZ, Z135 <i>includes items 7-14</i>		33	60527GT	CONN,PLUG 4 WAY,12-14GA.....1	
--	101190GT	HARNESS,BD GEN.220V/50HZ, Z135 <i>includes items 7-14</i>		34	60528GT	LOCK,PLUG 4 WAY,12-14GA.....1	
1	75069GT	T-BOX 2.75 X 4.5 X 2.5.....1		35	63375GT	SCREW,FHM,6-32 X .75	
2	7057GT	CONN. SQZ,1/2NPT .39-.56 MED.....1		36	74006GT	COVER,GFCI,HORIZONTAL,WEATHER.1	
3	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5		37	74052GT	GASKET,COVER,GFCI,WEATHERPROOF.1	
4	5397GT	WASHER,FLAT,USS,5/16",Y		38	13585GT	OUTLET, 110V.....1	
5	4828GT	NUT,NYLOCK,3/8-16		39	10777GT	COVER,BLANK.....1	
6	69776GT	TERMINAL,STRIP,4-POLE,600V***.....1		40		Ref. Power to Platform Harness, Secondary (refer to section 303.1).....1	
7	60887GT	CIRCUIT BREAKER, 30 AMP.....1		41	119403GT	CONN,PLUG 120 AC/15A DOMESTIC...1	
8	8425GT	ENCLOSURE,FG ELEC.,STOCK,7X5X4.....1		--		FUSE,13 AMP,220V PLUG.....1 <i>(component no longer available) refer to BS1362 BUSS TDC180-13A</i>	
9	60521GT	RELAY,SEALED 30/40 AMP.....1		--	119404GT	CONN,RECEP 120AC/15A DOMESTIC	
10	75041GT	SCREW,PHILLIPS,PHM,10-32 X 1		--	1280665GT	PLUG, TYPE F, 230A, 50HZ, 16A, IP44	
11	6178GT	NUT,NYLOCK,10-32		--	144161GT	PLUG,PWR,UK,16AMP,3PIN,BLK	
12	61195GT	CIRCUIT BREAKER, 12.5 AMP.....1		--	25388GT	PLUG,FUSED,250V,13AMP,U.K.**	
13	7056GT	CONN, SQZ, 1/2NPT .38-.50, SM**.....1					
14	49816GT	SCREW,PHILLIPS,PHM,10-32 X .75					
15	107528PGT	BRACKET,GENERATOR BOX MOUNT.....1					
16	60738GT	VOLTAGE REGULATOR,110V.....1					
--	60739GT	VOLTAGE REGULATOR,220V					
17	85053GT	SCREW,HHC,M10 X 1.5 X70,GR 8.8					
18	22699GT	WASHER,FLAT,M10,ZINC PLTD.					
19	22700GT	WASHER,LOCK,M10					
20	59680GT	NUT,HEX M10-1.5					
21	70545GT	BELT,AX42.....1					
22	13000GT	SCREW,HHC,5/16-18 X 1.25					
23	6638GT	WASHER,FLAT,USS,1/4"Y					
24	6782GT	NUT,NYLOCK,5/16-18					
25	81852GT	SCREW,HHC,7/16-14 X 1.75					
26	20912GT	WASHER,LOCK,.437,PLTD.					
27	11209GT	WASHER,FLAT,USS,7/16",Y					
28	101653GT	WELDMENT,GENERATOR MOUNT.....1					
29	101654PGT	BRACKET,GENERATOR ADJUSTER PNT.....1					
30A	60707GT	GENERATOR,3500W,120V,60HZ**.....1					
--	146062GT	PULLY,GNRTR,120V,60HZ(60707) <i>for 60707 generator</i>					
30B	89908GT	GENERATOR,3000W,220V,50HZ***					
--	102681GT	PULLY, GNRTR,220V,50HZ(89908) <i>for 89908 generator</i>					

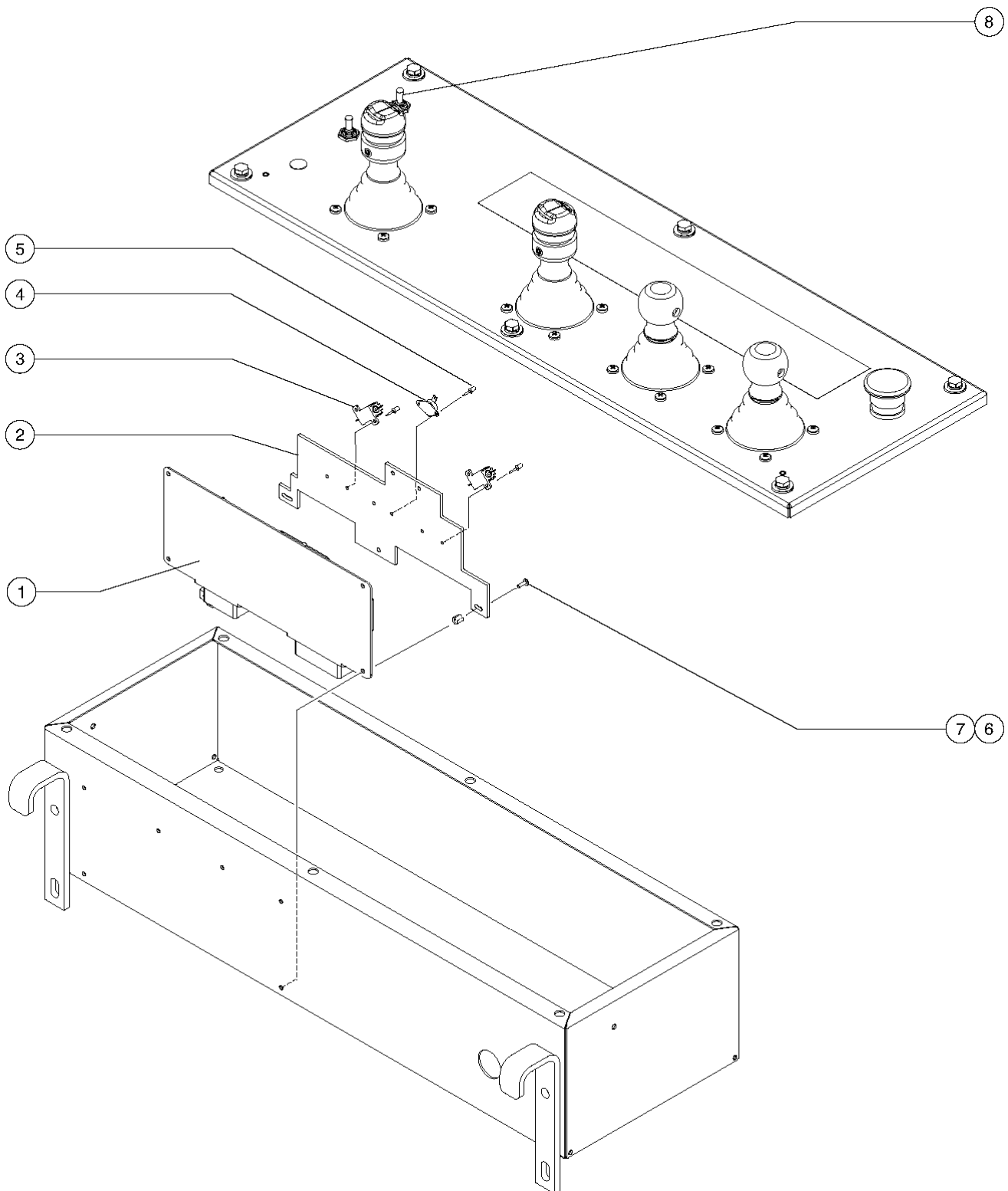
808.1 Air Line to Platform



808.1 Air Line to Platform

Item	Part No.	Description	Qty.
--	98023GT	Z135,AIR LINE TO PLATFORM	
1	49215GT	MPT,CPLR,1/4"SER,3/8"X18.....1	
2	49212GT	FEMALE BULKHEAD CONNECTOR-8...2	
3	60886PGT	BRACKET,AIRLINE TO PLATFORM.....1	
4	4828GT	NUT,NYLOCK,3/8-16	
5	5397GT	WASHER,FLAT,USS,5/16",Y	
6	119205GT	HOSE ASSY,AIRLINE TO PLAT Z135.....1	
7	122755GT	UBOLT,FLATTENED,1.5DIAX3/8 UNC.....2	
8	49214GT	MALE PIPE THD,1/4" SER,3/8"X18.....1	

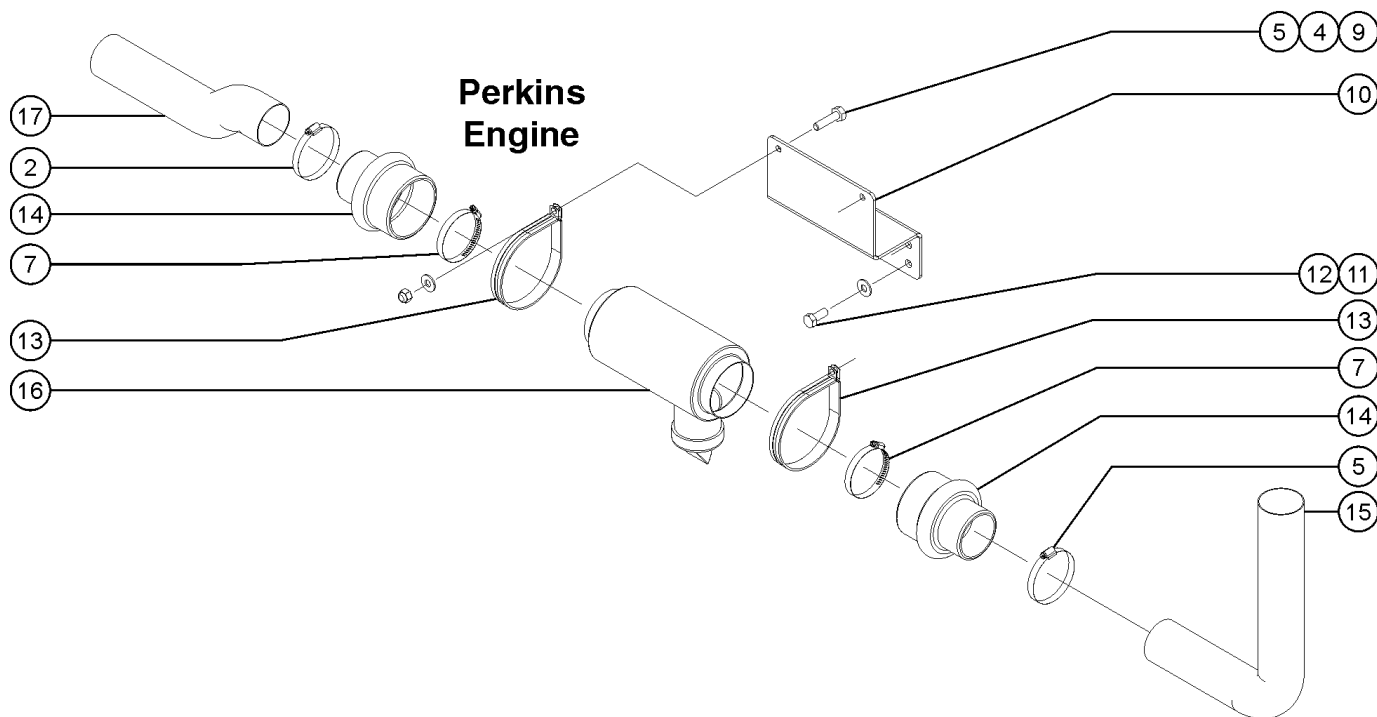
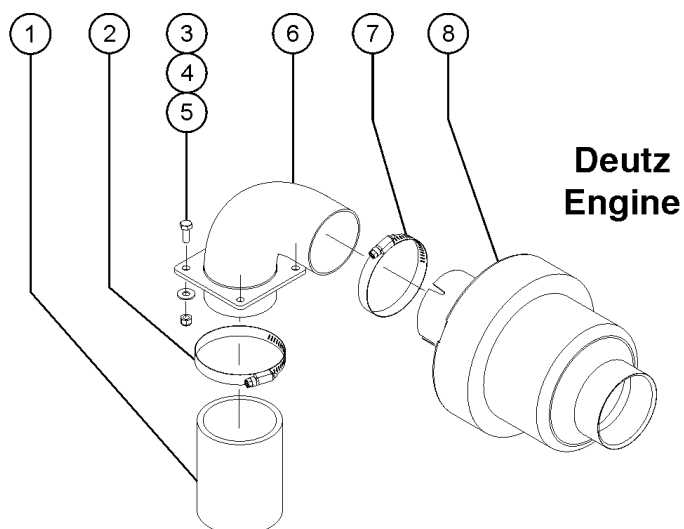
809.1 Circuit Board Heater Option



809.1 Circuit Board Heater Option

Item	Part No.	Description	Qty.
1		Ref. PCB Assembly, PCON (refer to 604.1)	
2	119250GT	BRACKET,PLATFORM HEATER OPT.....1	
3	27287GT	RESISTOR,10 OHM,25 WATT.....2	
4	119641GT	SWITCH,THERMOSTAT 85F OPEN.....1	
5	6272GT	RIVET,STL,STL,P.125 X .25	
6	81551GT	SCREW,PHIL,PHM,6-32 X 1/4 SS	
7	119534GT	STANDOFF,1/4X1/4 M-F 6-32 S/S	
8	128204GT	SWITCH TOGGLE ASSY SPDT 2P MNT.....1	

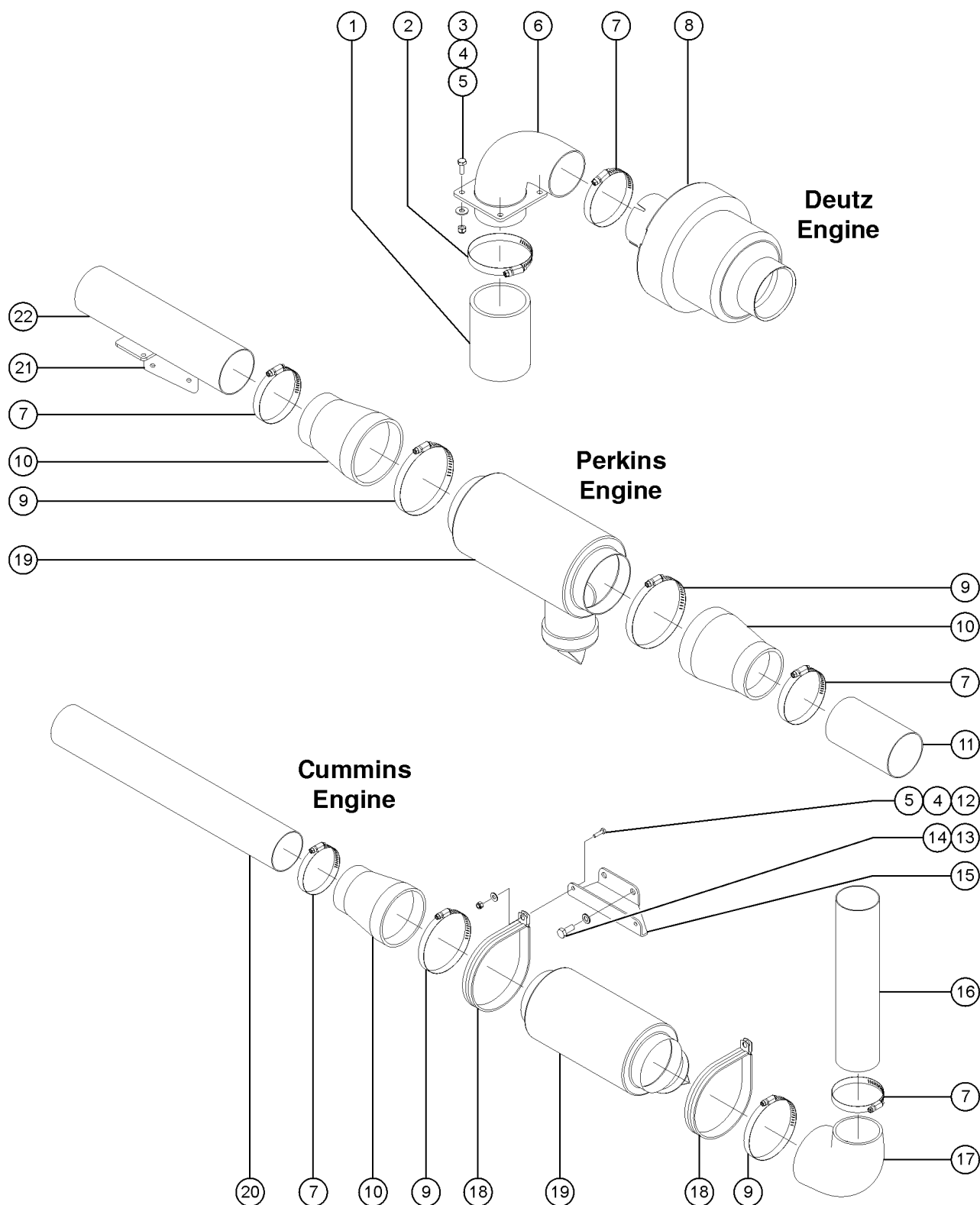
810.1 Hostile Environment Option - Engine Air Cleaners (to SN 952)



810.1 Hostile Environment Option - Engine Air Cleaners (to SN 952)

Item	Part No.	Description	Qty.
--	70515GT	KIT,PRECLEANER DEUTZ*** <i>Deutz models</i>	
--	98012GT	OPTION,PRECLEANER PERKINS <i>Perkins models</i>	
1	106211-400GT	HOSE,RUBBER 3"ID X .25 BLACK.....1	
2	30489GT	CLAMP,HOSE,3.50.....6	
3	6090GT	SCREW,HHC,1/4-20 X .75	
4	6638GT	WASHER,FLAT,USS,1/4"Y	
5	6091GT	NUT,NYLOCK,1/4-20	
6	102220GT	WELDMENT,PRECLEANER,DEUTZ.....1	
7	30971GT	CLAMP,HOSE,3.00".....2	
8	89959GT	PRECLEANER,INLINE 3".....2	
9	6888GT	SCREW,HHC,1/4-20 X 1	
10	70546PGT	BRACKET,PRE-CLEANER MOUNT PNTD.....1	
11	23057GT	SCREW,HHC,M8 X 20MM	
12	33277GT	WASHER,FLAT,M8,YELLOW ZINC	
13	101639GT	CLAMP,5.38,#86 X 3/8,RUB CUSH	
14	88492GT	HOSE,HUMP 3" TO 4".....2	
15	101657GT	TUBE,AIR INTAKE,UPPER.....1	
16	88493GT	PRECLEANER,AIR INTAKE.....1	
17	101658GT	TUBE,AIR INTAKE,LOWER.....1	

810.2 Hostile Environment Option - Engine Air Cleaners (from SN 953)

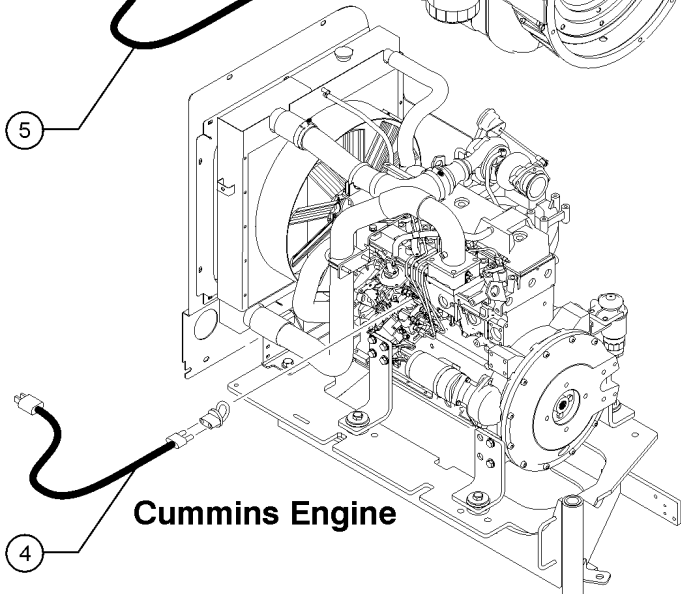
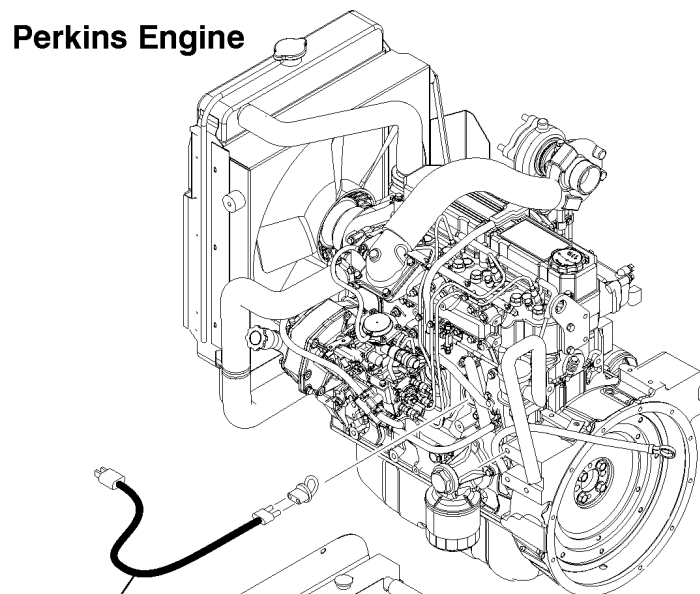


810.2 Hostile Environment Option - Engine Air Cleaners (from SN 953)

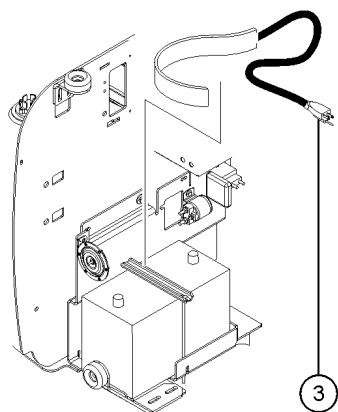
Item	Part No.	Description	Qty.
--	70515GT	KIT,PRECLEANER DEUTZ***	
--	139291GT	OPT,PRECLEANER PERKINS 804T	
--	122910GT	OPT,PRECLEANER CUMMINS B3.3T	
1	106211-400GT	HOSE,RUBBER 3"ID X .25 BLACK.....1	
2	30489GT	CLAMP,HOSE,3.50.....4	
3	6090GT	SCREW,HHC,1/4-20 X .75	
4	6638GT	WASHER,FLAT,USS,1/4"Y	
5	6091GT	NUT,NYLOCK,1/4-20	
6	102220GT	WELDMENT,PRECLEANER,DEUTZ.....1	
7	30971GT	CLAMP,HOSE,3.00".....3	
8	89959GT	PRECLEANER,INLINE 3".....2	
9	34955GT	CLAMP,HOSE,5.00	
10	122432GT	REDUCER,RUBBER,4.0 X 3.0	
11	122929GT	TUBE,INTAKE,PRECLEANER,804T	
12	6888GT	SCREW,HHC,1/4-20 X 1	
13	27034GT	SCREW,HHC,M10 X 25MM,GR 8.8	
14	22699GT	WASHER,FLAT,M10,ZINC PLTD.	
15	122914GT	BRACKET,PRECLEANER MNT B3.3T	
16	122912GT	TUBE,INTAKE,PRECLEANER B3.3T	
17	122913GT	REDUCER,90DEG,4.0 X 3.0	
18	101639GT	CLAMP,5.38,#86 X 3/8,RUB CUSH.....2	
19	88493GT	PRECLEANER,AIR INTAKE	
20	122911GT	TUBE,INTAKE,PRECLEANER B3.3T	
21	128421GT	FORMING, INTAKE TUBE MNT	
22	122928GT	TUBE,INTAKE,PRECLEANER,804T	

811.1 Cold Start Package

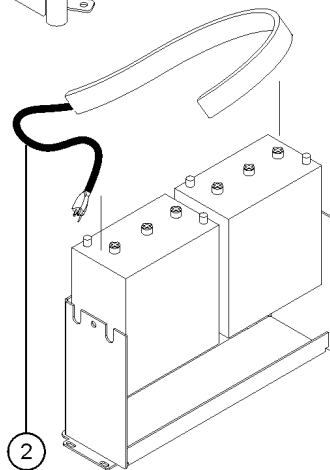
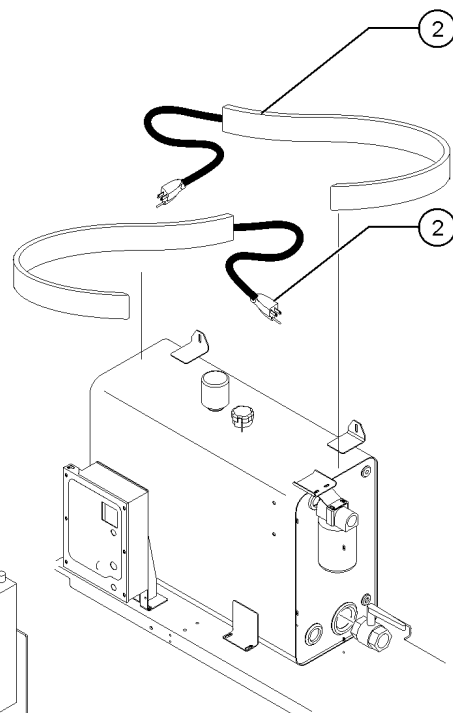
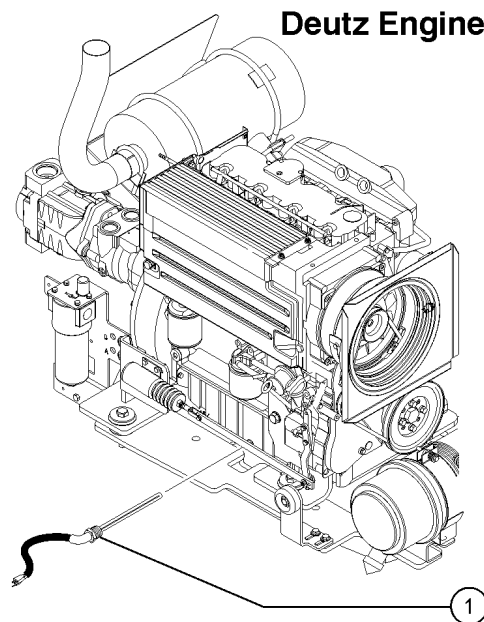
Perkins Engine



Cummins Engine



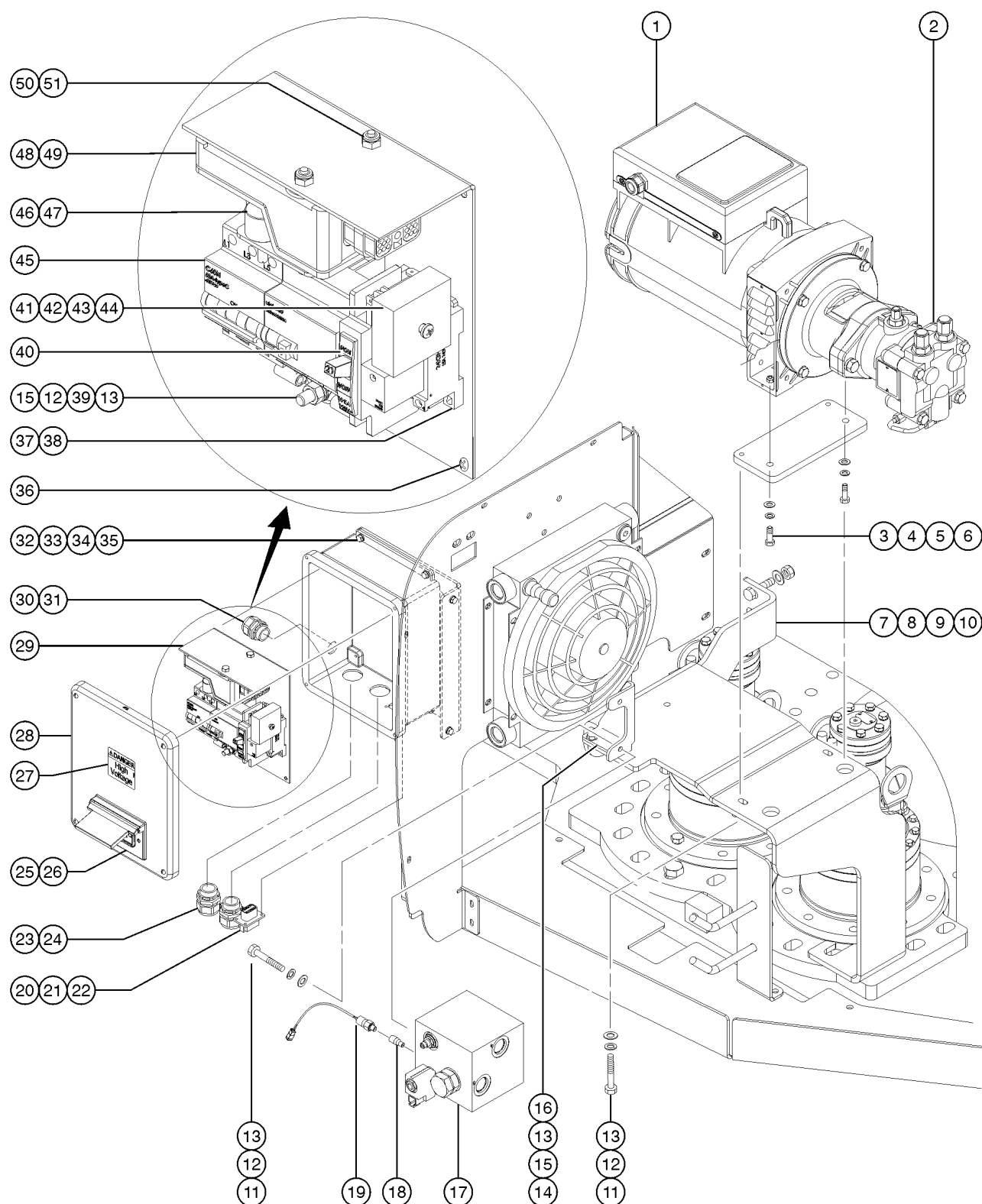
Deutz Engine



811.1 Cold Start Package

Item	Part No.	Description	Qty.
--	122771GT	COLD START PKG,110V,CUM.B3.3T	
--	122772GT	COLD START PKG,110V,PERK.804T	
--	128373GT	COLD START PKG, 110V, DEUTZ	
1	128274GT	OIL PAN HEATER,DEUTZ,120V,150W....1	
2	61245GT	BLANKET,BATTERY.....3	
--	75048GT	CABLE TIE,BLACK,36"	
3	23877GT	CABLE TIE,28"	
3	28853GT	BLANKET,BATTERY.....2	
4	122768GT	FREEZE PLUG HEATER.....1	
5	101632GT	FREEZE PLUG HEATER,PERKINS 804.....1	

812.1 Welder Option - Chassis Components



812.1 Welder Option - Chassis Components

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
--	226512GT	HARNESS, HYDRAULIC WELDER		12	6886GT	WASHER, LOCK, .313	
--	1278369GT	COVER, JBOX, BREAKER RETRO, W/O 110V GFI <i>ONLY FOR USE ON UNITS THAT HAVE BEEN RETROFITTED WITH PANEL MOUNTED CIRCUIT BREAKER KIT 1278371GT.</i>		13	5397GT	WASHER, FLAT, USS, 5/16", Y	
--	1278371GT	KIT, RETROFIT, WELDGEN, MAGBREAKER Z135 <i>FOR WELDER GENERATOR EQUIPPED UNITS THAT HAVE NO CUTOUPS ON THE FRONT FACE OF JBOX.</i>		14	106649PGT	FORMING, MANIFOLD MOUNT PAINTED.....1	
1	139367GT	GENERATOR, HYDRA, 25CC, 208V***.....1 <i>Harrison Generator; includes item 2; Consult Factory prior to ordering</i>		15	13000GT	SCREW, HHC, 5/16-18 X 1.25	
--	1273323GT	ALTERNATOR <i>for 139367</i>		16	6782GT	NUT, NYLOCK, 5/16-18	
--	139919GT	FITTING, ORIFICE, .047 <i>for 139367</i>		17	101516GT	MANIFOLD, DRIVE OIL DIVERter.....1	
--	58631GT	COUPLER, INSERT <i>for 139367</i>		--	101446GT	VALVE, RELIEF 280 PSI	
1B	106113GT	GENERATOR, HYDRO-12KEP-21-3 <i>Fabco Generator; includes item 2; Consult Factory prior to ordering</i>		--	102746GT	VALVE, PILOT OPER DIRECTIONAL	
--	T113655GT	COUPLING, 28MM (106113) <i>for 106113</i>		--	106394GT	ORIFICE DISC, .030, CONE.....1	
--	T114022GT	SPIDER (106113) <i>for 106113</i>		--	94757GT	VALVE, CHECK, 3 PSI***	
--	T114023GT	COUPLING (106113) <i>for 106113</i>		--	94759GT	NUT, SOLENOID	
2	33432GT	MOTOR, HYD, 25CC FIXED***.....1 <i>Sauer Motor for Harrison Generator; Consult Factory</i>		--	94760GT	VALVE, SOLENOID, 10V, W/OUT COIL*	
--	106184GT	MOTOR, HYD 12.5KW GEN, 21CC*** <i>Fabco Motor; Consult Factory</i>		--	94765GT	COIL-10V DC***	
--	162006GT	SEAL KIT, HYD MOTOR (106184) <i>for 106184</i>		18	146285GT	CONN, SAE#4-1/4" NPT	
--	32675GT	SEAL KIT, SUNSTRAND <i>for 33432</i>		19A	146284GT	SWITCH, PRESS, #4NPT, 200PSIF.....1 <i>for first time replacement, order service kit 1273916GT.</i>	
3		SPRING WASHER (85166) <i>(component no longer available)</i>		19B	1273916GT	KIT, PRESSURE SWITCH, GENERATOR <i>includes pressure switch, hose, fittings and installation instructions</i>	
4	6097GT	WASHER, FLAT, USS, 3/8", Y		20	73730GT	CONN, RECEP 12 WAY, GRY FLANGE....1	
5	105666PGT	TAP BLOCK, WELD GENERATOR PAINT.....1		21	49820GT	SCREW, PHILLIPS, PHM, 6-32 X .5	
6	4828GT	NUT, NYLOCK, 3/8-16		22	12344GT	NUT, NYLOCK, 6-32	
7	106354PGT	FORMING, WELD GEN. MOUNT PAINTED.....1		23	20776GT	CABLE SQUEEZE CONN.....2	
8	9145GT	SCREW, HHC, 1/2-13 X 2.5, GR5		24	18665GT	LOCKNUT, ELECTRIC, 1" NPT.....2	
9	6095GT	WASHER, FLAT, USS, 1/2", Y		25	80543GT	RECEPTACLE, 120VAC, 20A, GFCI.....1	
10	6198GT	NUT, NYLOCK, 1/2-13		26	74006GT	COVER, GFCI, HORIZONTAL, WEATHER.1	
11	13002GT	SCREW, HHC, 5/16-18 X 1 GR5		27	82237GT	DECAL, DANGER, HIGH VOLTAGE.....2	
				28	107657GT	J-BOX, CIRCUIT BREAKERS, 10X8.....1	
				29	102314GT	PANEL, ENCLOSURE, LINCO WELDER.....1	
				--	226513GT	HARNESS, HYD WELDER J-BOX	
				30	7057GT	CONN. SQZ, 1/2NPT .39-.56 MED.....1	
				31	6935GT	LOCKNUT, ELEC, 1/2".....1	
				32	6888GT	SCREW, HHC, 1/4-20 X 1	
				33	6638GT	WASHER, FLAT, USS, 1/4" Y	
				34	6091GT	NUT, NYLOCK, 1/4-20	
				35	107681PGT	FORMING, J-BOX MOUNT, PAINTED.....1	
				36	49818GT	SCREW, PHILLIPS, PHM, 10-32 X .38	
				37	33608GT	RELAY, SOCKET, OMRON.....1	
				38	33607GT	RELAY, OMRON, DPDT, 12V.....1	
				39	6037GT	NUT, HEX, 5/16-18, GR5	
				40	106072GT	CIRCUIT BREAKER, 50A, 3P, 240V***.....1	
				41	106637GT	MODULE, TIME DELAY ON BREAK 4S...1	

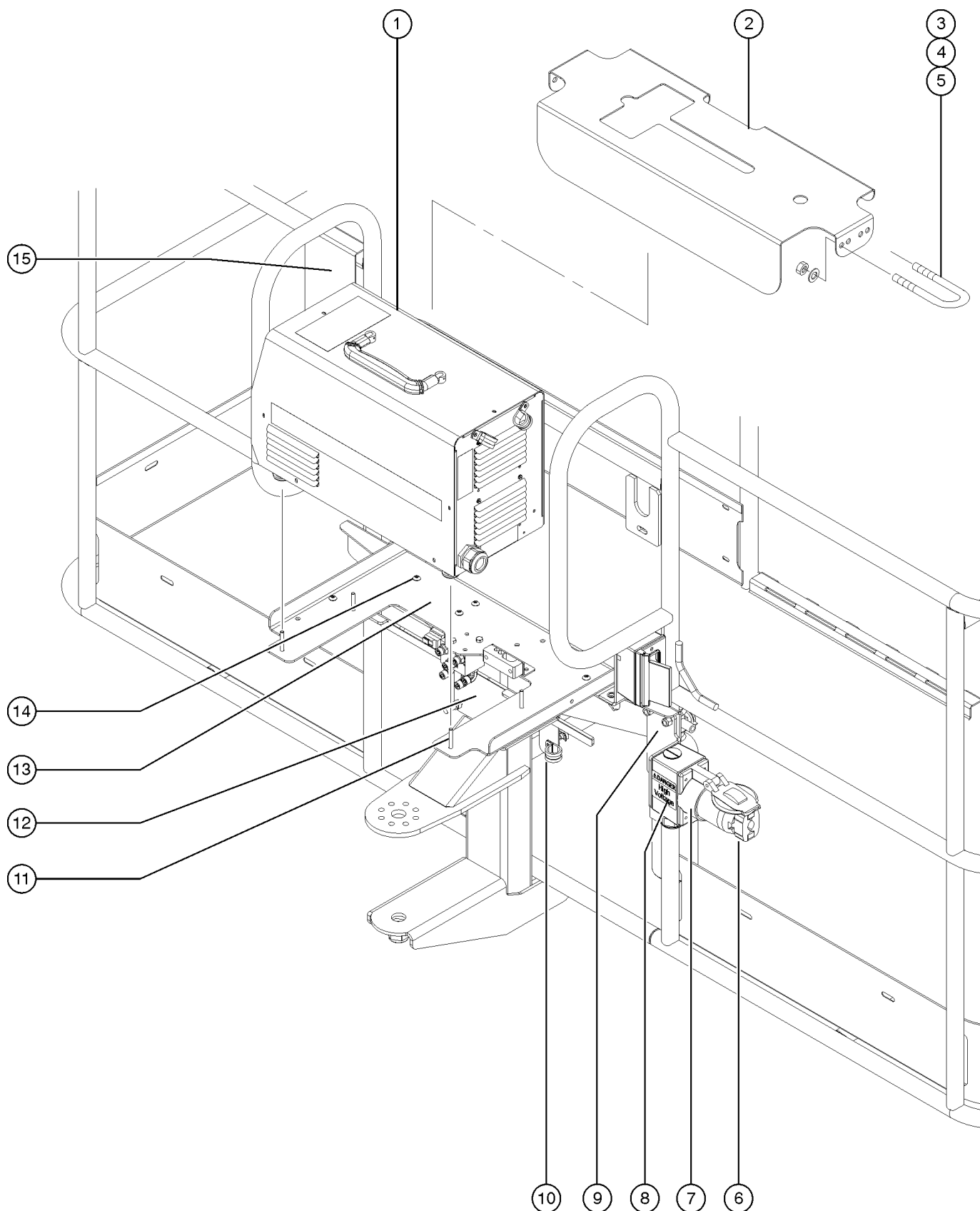
812.1 Welder Option - Chassis Components (continued)

Item	Part No.	Description	Qty.
42	51063GT	SCREW,PHILLIPS,RHM,10-32 X 1.5	
43	6146GT	WASHER,FLAT,MS,#10,Y	
44	6178GT	NUT,NYLOCK,10-32	
--	106477GT	GFI/CIRCUIT BREAKER ASSEMBLY.....1	
--	227425GT	CIRCUIT BREAKER, 35A 3PH.....1	
45	106375GT	GFCI,50A, 3PH.....1	
46	102357GT	POTENTIOMETER ASSY, WELDER.....1	
47	106140PGT	BRACKET,1K OHM 10-TURN POT,PNT.....1	
48	106658GT	MODULE,SX CONTROLLER,LOW AMP.....1	
49	101700GT	CONNECTOR,MATING,SX MODULE.....1	
50	6884GT	SCREW,HHC,1/4-20 X 2.5	
51	6889GT	NUT,LP NYLOCK,1/4-20	

812.1 Welder Option - Chassis Components
(continued)

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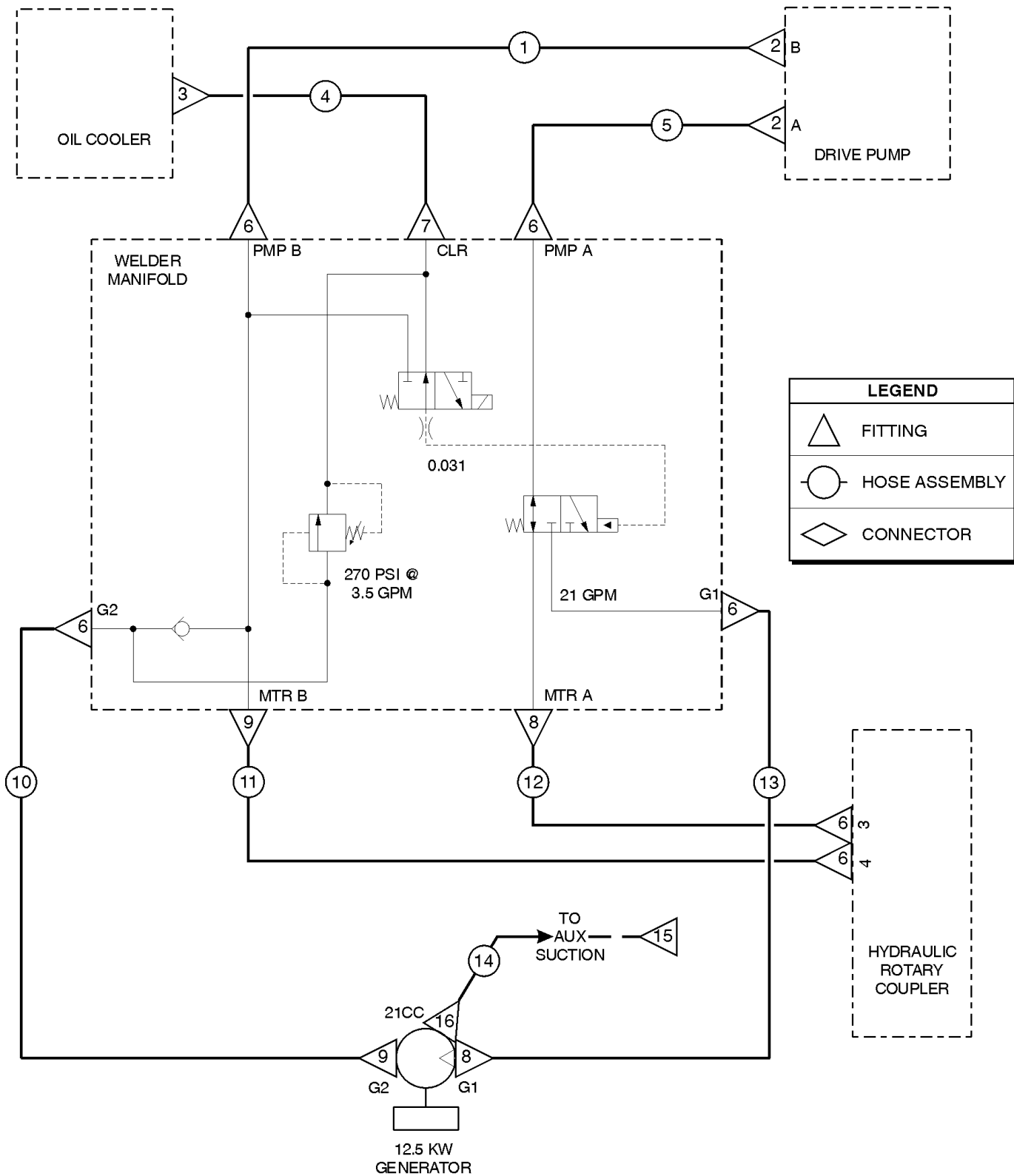
813.1 Welder Option - Platform Components



813.1 Welder Option - Platform Components

Item	Part No.	Description	Qty.
--	119907GT	CARTRIDGE, VALVE HOUSING	
--	119908GT	VALVE, SOLENOID, NOR <i>mounts on cartridge 119907</i>	
1	101525GT	WELDER, INVERTEC V275-S.....1	
--	106183GT	FUSE, .6AMP, 250V, WELDER, V275S	
--	106275GT	KIT, WELD LEADS ASSY, V275S	
--	229925GT	ADAPTER, WELDER, 208-220	
2	101547PGT	BRACKET, WELDER SUPPORT, PNT.....1	
3	122755GT	UBOLT, FLATTENED, 1.5DIA X 3/8 UNC....2	
4	5397GT	WASHER, FLAT, USS, 5/16", Y.....4	
5	4828GT	NUT, NYLOCK, 3/8-16.....4	
6	106112GT	PLUG, 4-WIRE, 3-PHASE, 50A, MALE.....1	
7	106111GT	RECEPTCL, LOCK 3-PH, 50A, 4 WIRE.....1	
--	101732GT	COVER, WEATHERPROOF 3-PHASE	
--	106110GT	T-BOX, 2.75X4.5X2.63, 3PH	
8	82237GT	DECAL, DANGER, HIGH VOLTAGE.....2	
9	101731PGT	BRACKET, POWER TO PLAT TBOX, PNT.....1	
--	106044GT	U-BOLT, 3/8-16X4X4.63X3.00	
--	4828GT	NUT, NYLOCK, 3/8-16	
--	5397GT	WASHER, FLAT, USS, 5/16", Y	
10	18666GT	CLAMP, 1.00, #16 X 1/4, RUB CUSH.....3	
11	106141GT	SCREW, SECURITY, 1/4-20 X 1.75LG	
--	106272GT	BIT, 3/16, HEX SOCKET, SECURITY	
12	101701GT	BRACKET, WELDER MOUNT SUPPORT	
13	106109PGT	BRACKET, WELDER COVER, PNTD.....1	
--	106044GT	U-BOLT, 3/8-16X4X4.63X3.00	
--	4828GT	NUT, NYLOCK, 3/8-16	
--	5397GT	WASHER, FLAT, USS, 5/16", Y	
14	128322GT	SCREW, 5/16-18X1.00, SECURITY TO	
--	128323GT	BIT, TORX SOCKET, SECURITY	
--	6782GT	NUT, NYLOCK, 5/16-18	
15	106204PGT	BRACKET, V275S WELD LEADS.....1	

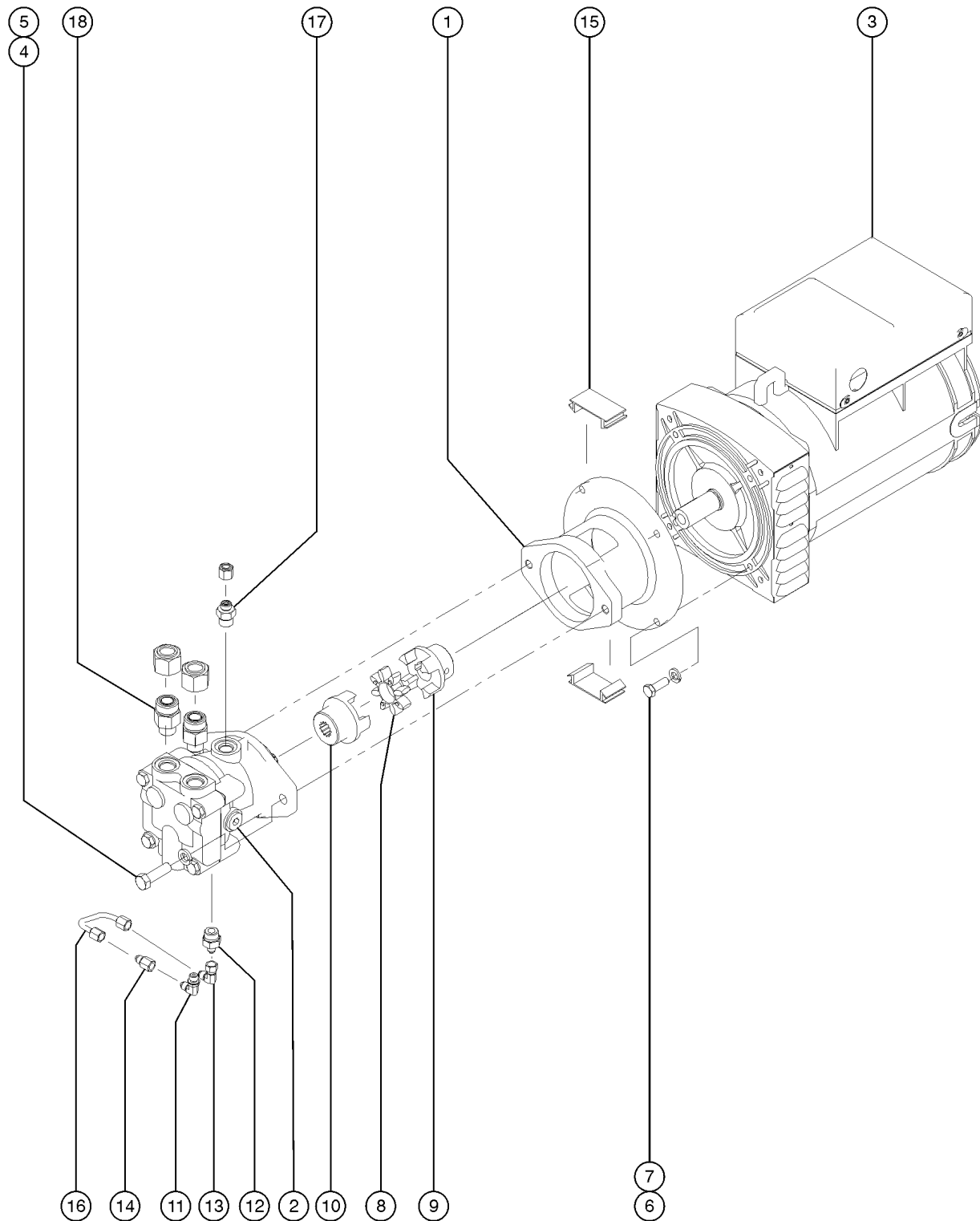
814.1 Welder Option - Hydraulic Hoses and Fittings



814.1 Welder Option - Hydraulic Hoses and Fittings

Item	Part No.	Description	Qty.
1	94374-13330GT	HOSE ASSY,3/4,90 FEM,STR FEM.....1	
2	48978GT	ELBOW,45D,520320-12-16.....2	
3	48961GT	TEE,RUN,520428-12.....1	
4	49167-2279GT	HOSE ASSEMBLY 1/2 100R1.....1	
5	94374-13330GT	HOSE ASSY,3/4,90 FEM,STR FEM.....1	
6	48963GT	FITTING,ELBOW,45D,520320-12***.....6	
7	48933GT	CONN,520120-8***.....1	
8	61610GT	CONN,LONG,520122-12***.....2	
9	48960GT	FITTING,CONN,520120-12***.....2	
10	89871-3148GT	HOSE ASSY,3/4" STR-STR.....1	
11	94374-9080GT	HOSE ASSY,3/4,90 FEM,STR FEM.....1	
12	94374-9930GT	HOSE ASSY,3/4,90 FEM,STR FEM.....1	
13	89871-1448GT	HOSE ASSY,3/4" STR-STR.....1	
14	49167-8629GT	HOSE ASSEMBLY 1/2 100R1.....1	
--	49167-7229GT	HOSE ASSEMBLY 1/2 100R1 <i>use with welder ready option; from SN 858</i>	
15	48964GT	FITTING,TEE,RUN,SWIVEL52043212....1	
16	48947GT	ELBOW,90D,520220-8-12.....1	

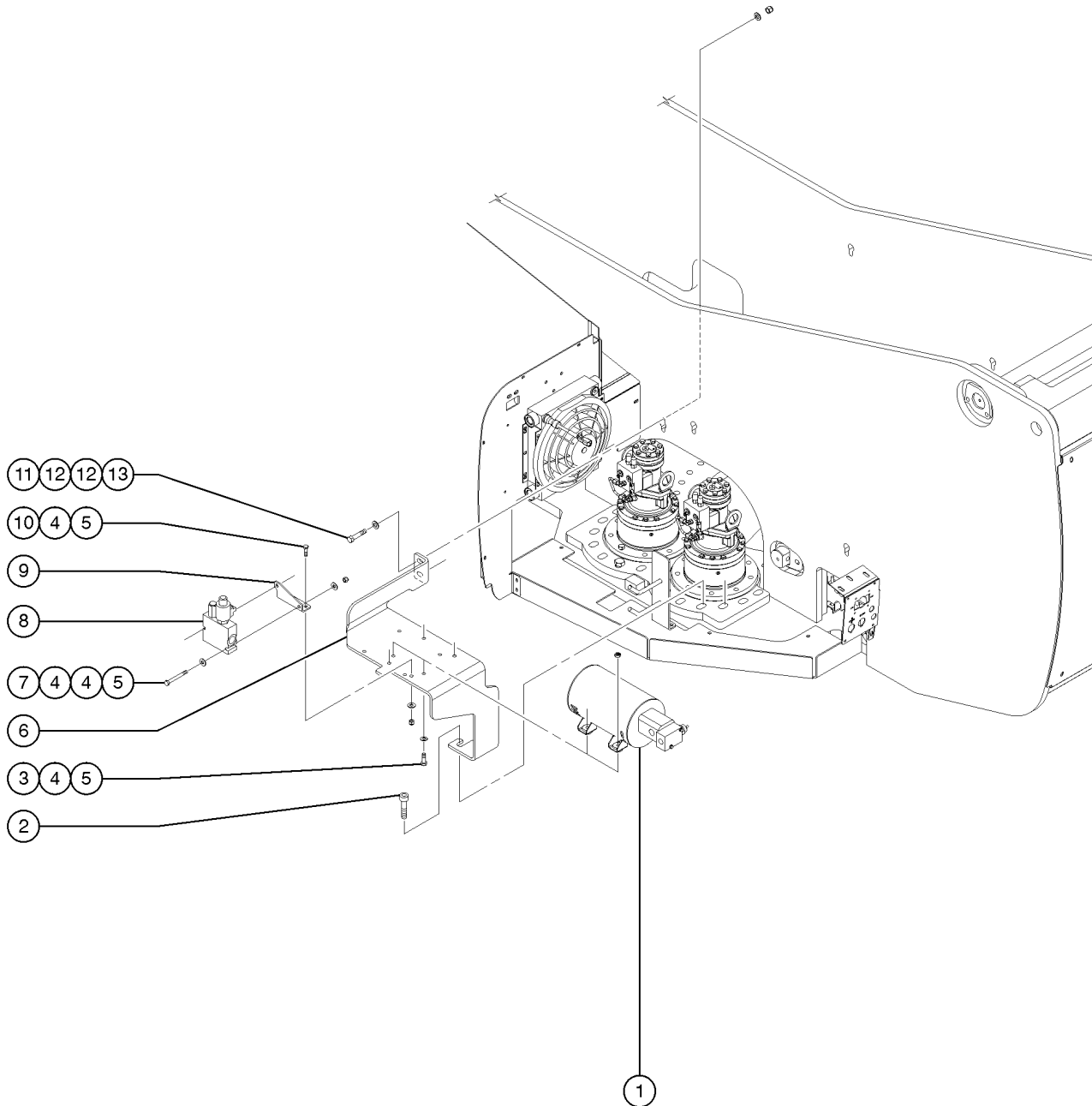
815.1 Welder Option - Generator Components



815.1 Welder Option - Generator Components

Item	Part No.	Description	Qty.
--		GENERATOR, HYDRA, 25CC, 208V.....1 <i>refer to section 812.1</i>	
1		MOTOR MOUNT.....1 <i>consult factory</i>	
2		MOTOR, HYD, 25CC FIXED***.....1 <i>refer to section 812.1</i>	
3		ALTERNATOR.....1 <i>refer to section 812.1</i>	
4	6036GT	WASHER, LOCK, .625 PLTD.....2	
5	22788GT	SCREW, HHC, 1/2-13 X 1.75.....2	
6	44064GT	SCREW, HHC, M10 X 30MM.....4	
7	22700GT	WASHER, LOCK, M10.....4	
8	58631GT	COUPLER, INSERT.....1	
9	147404GT	DRIVE COUPLING, KEYED.....1	
10	147405GT	DRIVE COUPLING, 13 TOOTH.....1	
11	13921GT	ELBOW, 070220-4-4.....1	
12	39879GT	CONNECTOR, 070120-4-8.....1	
13	87246GT	ELBOW, SWIVEL NUT 90DEG, -4.....1	
14	139919GT	FITTING, ORIFICE, .047.....1	
15		MOUNT COVER.....2 <i>consult factory</i>	
16	147418GT	ASSY, BLEED LINE (139367).....1	
17	48914GT	CONN, 520120-4-8.....1	
18	48975GT	CONN, 520120-12-10.....2	

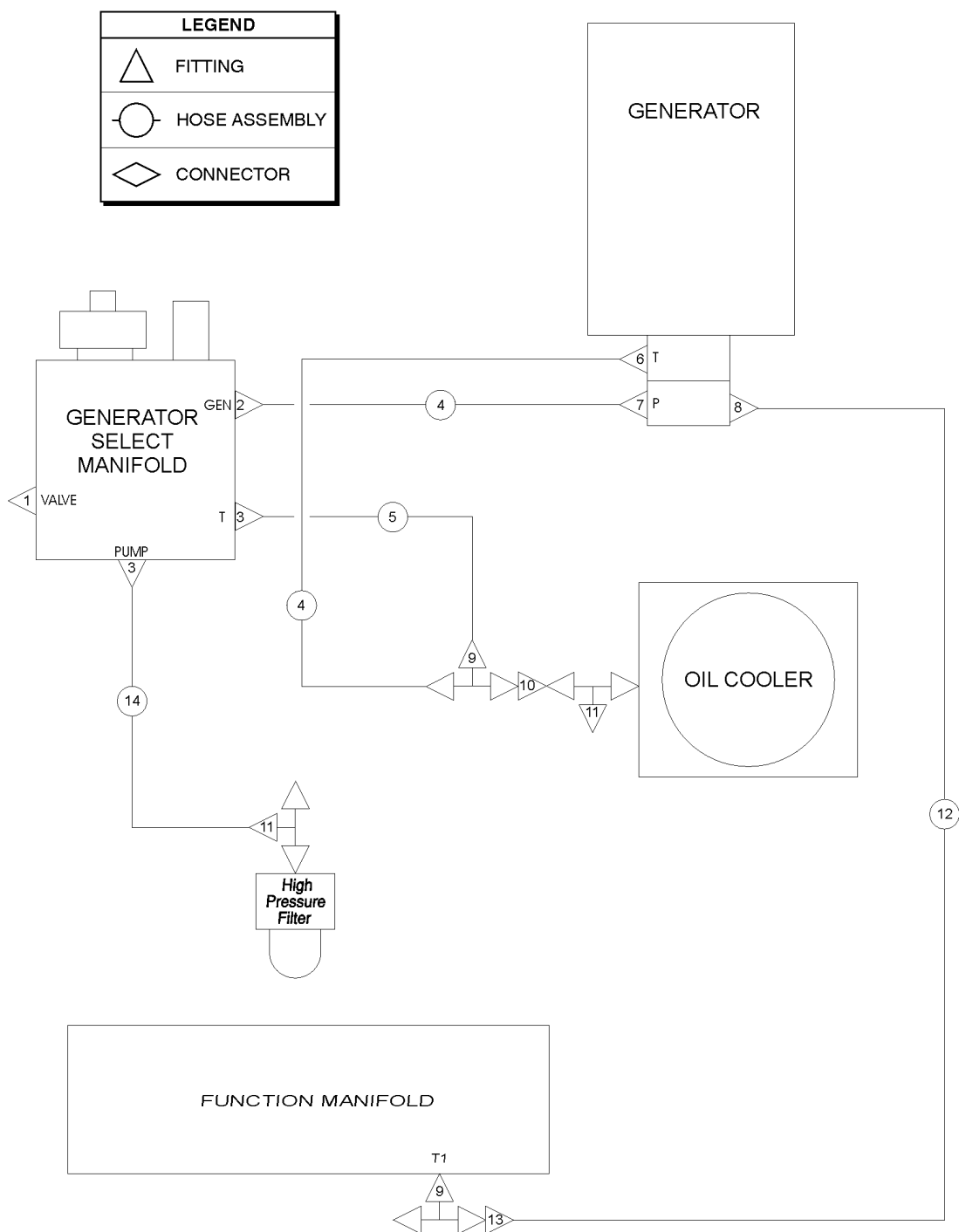
816.1 Hydraulic Generator Option



816.1 Hydraulic Generator Option

Item	Part No.	Description	Qty.
1	111381GT	GEN,HYD,3000W,110V,60HZ.....1	
--	147836GT	SEAL, GASKET, .00075" *GOLD*	
--	147837GT	SEAL, GASKET, .0005" *SILVER*	
--	147838GT	SEAL, GASKET, .0010"	
--	147839GT	ASSM, GEN. ONLY, 110V, 60HZ	
--	58944GT	BRUSH 3/8 X 1/4 X 15/16(36928)	
--	58954GT	O-RING,SPACER #115***	
--	T111608GT	SEAL,RETAINING RING	
--	T111609GT	SEAL,SHAFT	
--	T111610GT	SPACER	
--	T111611GT	BEARING,MOTOR	
--	T111612GT	RETAINING RING	
--	T111613GT	SHAFT,MOTOR	
2	77780GT	SCREW,SHC,3/4-10 X 3.75,A574	
3	8516GT	SCREW, HCC, 3/8-16 X 1.50	
4	6097GT	WASHER,FLAT,USS,3/8",Y	
5	4828GT	NUT,NYLOCK,3/8-16	
6	128560GT	FORMING, HYD. GEN. MOUNT.....1	
7	8178GT	SCREW,HHC,3/8-16 X 2.5	
8	53976GT	MANIFOLD,GENERATOR.....1	
9	139691GT	FORMING, GEN MANIFOLD MOUNT....1	
10	6019GT	SCREW,HHC,3/8-16 X 1.25 GRD 5	
11	9145GT	SCREW,HHC,1/2-13 X 2.5,GR5	
12	13066GT	WASHER,FLAT,.5 HARDENED	
13	6198GT	NUT,NYLOCK,1/2-13	

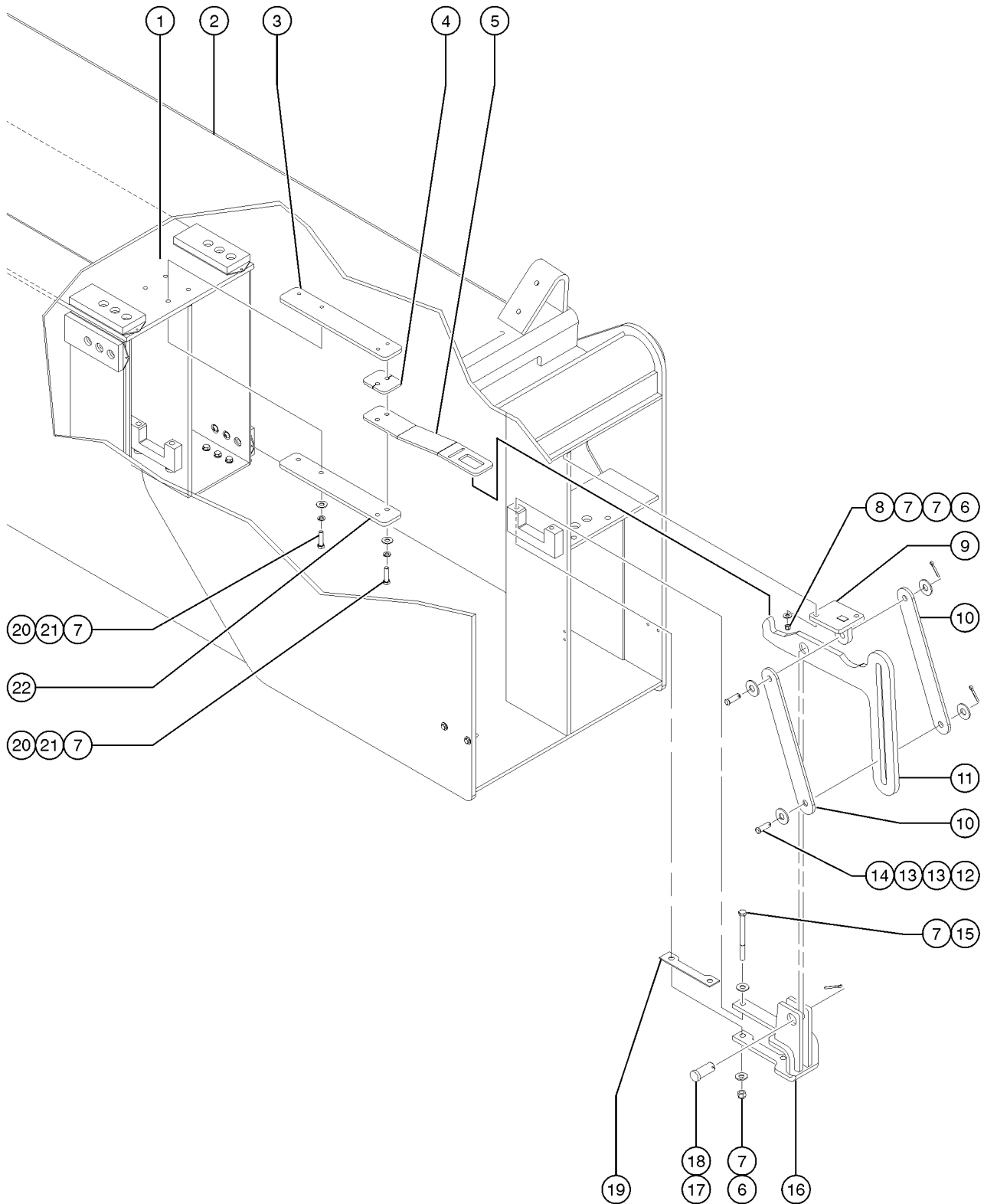
817.1 Hydraulic Hoses and Fittings, Hydraulic Generator Option



817.1 Hydraulic Hoses and Fittings, Hydraulic Generator Option

Item	Part No.	Description	Qty.
1	87172GT	PLUG,HEX SOCKET,090109B-12.....1	
2	48933GT	CONN,520120-8***.....1	
3	48960GT	FITTING,CONN,520120-12***.....1	
4	49143-3229GT	HOSE ASSY,1/2,90 FEM,STR FEM.....2	
5	49183-2892GT	HOSE ASSY,1/2,STR FEM STR FEM.....1	
6	48946GT	CONN,520120-8-10.....1	
7	48932GT	FITTING,ELBOW,90D,520220-8***.....2	
8	48905GT	CONN,520120-4***.....1	
9	48938GT	FITTING,TEE,RUN,SWIVEL520432-8.....2	
10	51580GT	FITTING,REDUCER,520123-12-8***.....1	
11	48964GT	FITTING,TEE,RUN,SWIVEL52043212....2	
12	49117-6291GT	HOSE ASSY,1/4,90 FEM,STR FEM.....1	
13	48941GT	REDUCER,520123-8-4.....1	
14	61074-5348GT	HOSE ASSEMBLY 3/4" STR-STR.....1	

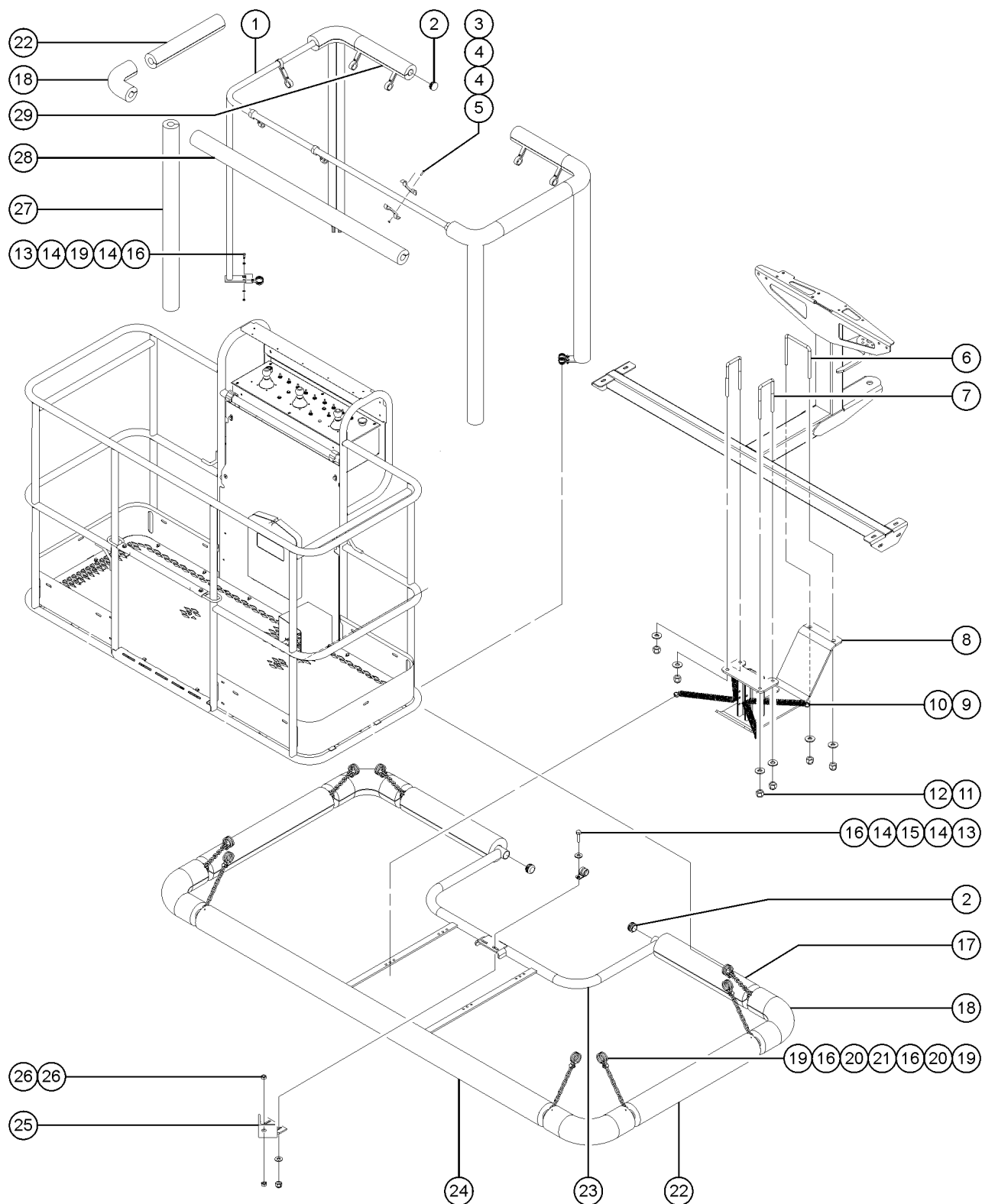
818.1 Boom Latch Kit



818.1 Boom Latch Kit

Item	Part No.	Description	Qty.
--	229400GT	Z135 LATCH KIT.....1 (complete) includes items 1 - 22	
1		Ref. ASSY,RISER BOOM #4 (refer to 505.1)	
2		Ref. ASSEMBLY,RISER BOOM #1 (refer to 502.1)	
3	231048GT	Z135 LATCH,THREADED PRIMARY.....1	
4	231047GT	Z135 LATCH SPACER.....1	
5	229395GT	Z135 LATCH,BREAK LINK.....1	
6	4828GT	NUT,NYLOCK,3/8-16	
7	19934GT	WASHER,3/8 HARD.STEEL-FLAT,USS	
8	6-5206-18GT	SCREW,HHC,3/8-16X2.25,GR8	
9	229393GT	Z135 LATCH, GUIDE MOUNT.....1	
10	229394GT	Z135 LATCH,GUIDE LINK.....2	
11	229388GT	Z135 LATCH HOOK.....1	
12	229399GT	CLEVIS PIN 0.5" X 1.5".....2	
13	6095GT	WASHER,FLAT,USS,1/2",Y	
14	230971GT	PIN,COTTER,,156 X 1 Z.....2	
15	230975GT	SCREW,HHC,3/8-16 X 4.5,GR8.....2	
16	229397GT	Z135 LATCH,HOOK MOUNT.....1	
17	826379GT	PIN,CLEVIS,1X2.250,ZAG.....1	
18	13635-10GT	PIN,COTTER,,156 X 1.75.....1	
19	231046GT	Z135 LATCH SHIM.....1	
20	6-5206-12GT	SCREW,HHC,3/8-16X1.5,GR8	
21	6021GT	WASHER,LOCK,,375	
22	229396GT	Z135 LATCH,PRIMARY LINK.....1	

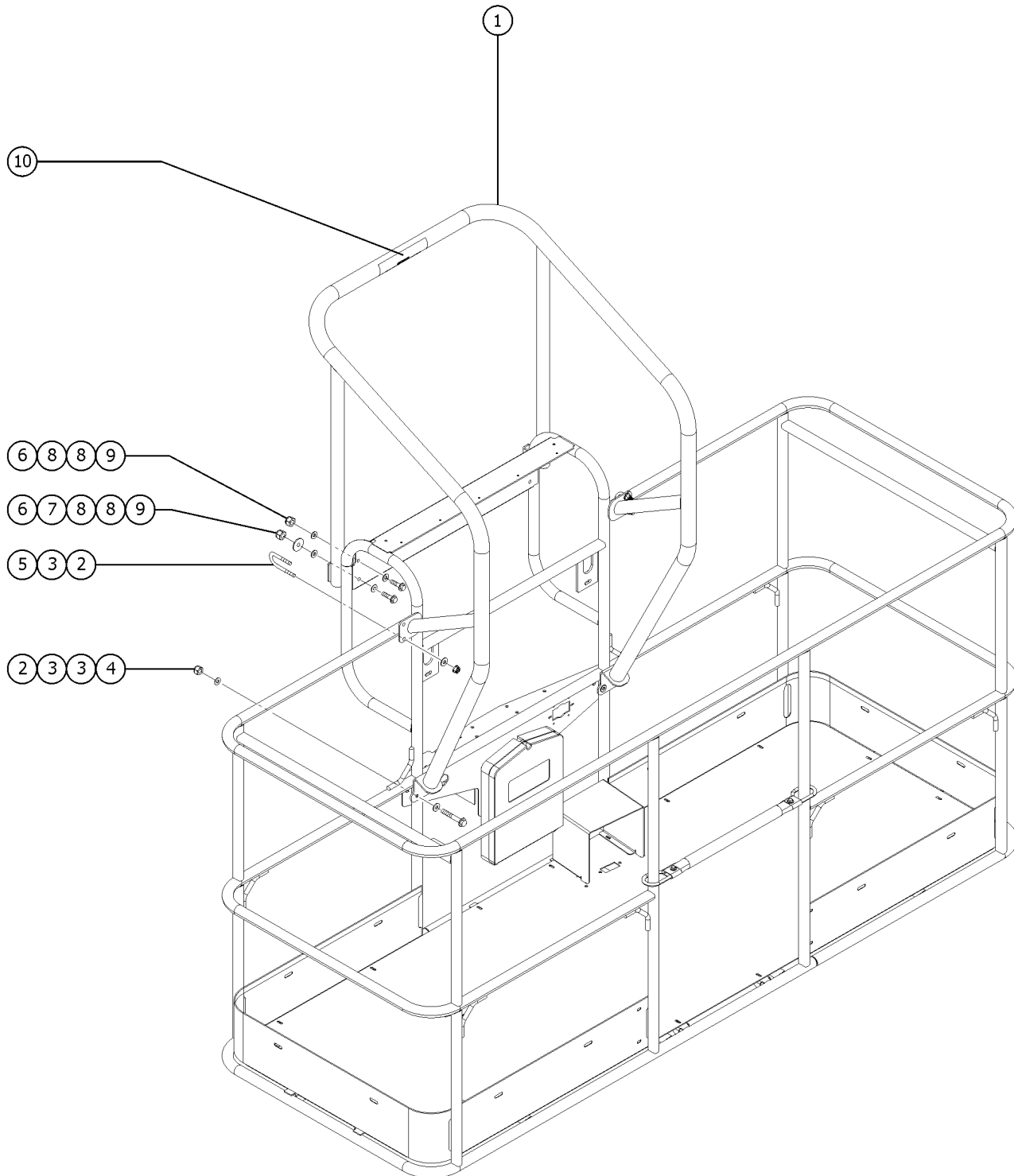
819.1 Aircraft Protection Package (from 1071)



819.1 Aircraft Protection Package (from 1071)

Item	Part No.	Description	Qty.
1	46188GT	WELDMENT, AIRCRAFT TOP BUMPER.....	1
2	55753GT	BUMPER, PLASTIC, 1.25 O.D.....	4
3	122231GT	SCREW,BHSC,1/4-20 X 1	
4	122073GT	SUPPORT, RAILING.....	20
5	6889GT	NUT,LP NYLOCK,1/4-20	
6	106044GT	U-BOLT,3/8-16X4X4.63X3.00.....	1
7	66472GT	U-BOLT, SQR, 3/8-16X2X5, PLTD.....	2
8	139904GT	WELDMENT, SKIDPLATE**.....	1
9	88384GT	SPRING, SS, 3/4-EO750-69-4500.....	4
10	88385GT	SPRING, SS, 1/2-EO500-49-4500.....	4
11	4828GT	NUT,NYLOCK,3/8-16	
12	5397GT	WASHER,FLAT,USS,5/16",Y	
13	6888GT	SCREW,HHC,1/4-20 X 1	
14	6638GT	WASHER,FLAT,USS,1/4"Y	
15	6833GT	CLAMP,0.50,#8 X 1/4,RUB CUSH.....	1
16	6091GT	NUT,NYLOCK,1/4-20	
17	75617-1675GT	PADDING,FOAM 3.5"OD X 1.50"ID.....	2
18	75636GT	PADDING,FOAM,3.0"X1.50ID 90DEG.....	8
19	21618GT	CLAMP,1.13,#18 X 1/4,RUB CUSH.....	16
20	6090GT	SCREW,HHC,1/4-20 X .75	
21	56426-700GT	CHAIN,NO.2 (11 LINKS).....	8
22	75617-2275GT	PADDING,FOAM 3.5"OD X 1.50"ID.....	4
23	139181GT	WELDMENT,AIRCRAFT SENSOR BUMPR.....	1
24	75617-6475GT	PADDING,FOAM 3.5"OD X 1.50"ID.....	1
25	77797GT	WELDMENT, SENSOR MOUNT.....	1
26	88390GT	NUT,HEX,M8,PLASTIC	
27	75617-4788GT	PADDING,FOAM 3.5"OD X 1.50"ID.....	4
28	75617-6275GT	PADDING,FOAM 3.5"OD X 1.50"ID.....	1
29	75617-1538GT	PADDING,FOAM 3.5"OD X 1.50"ID.....	2

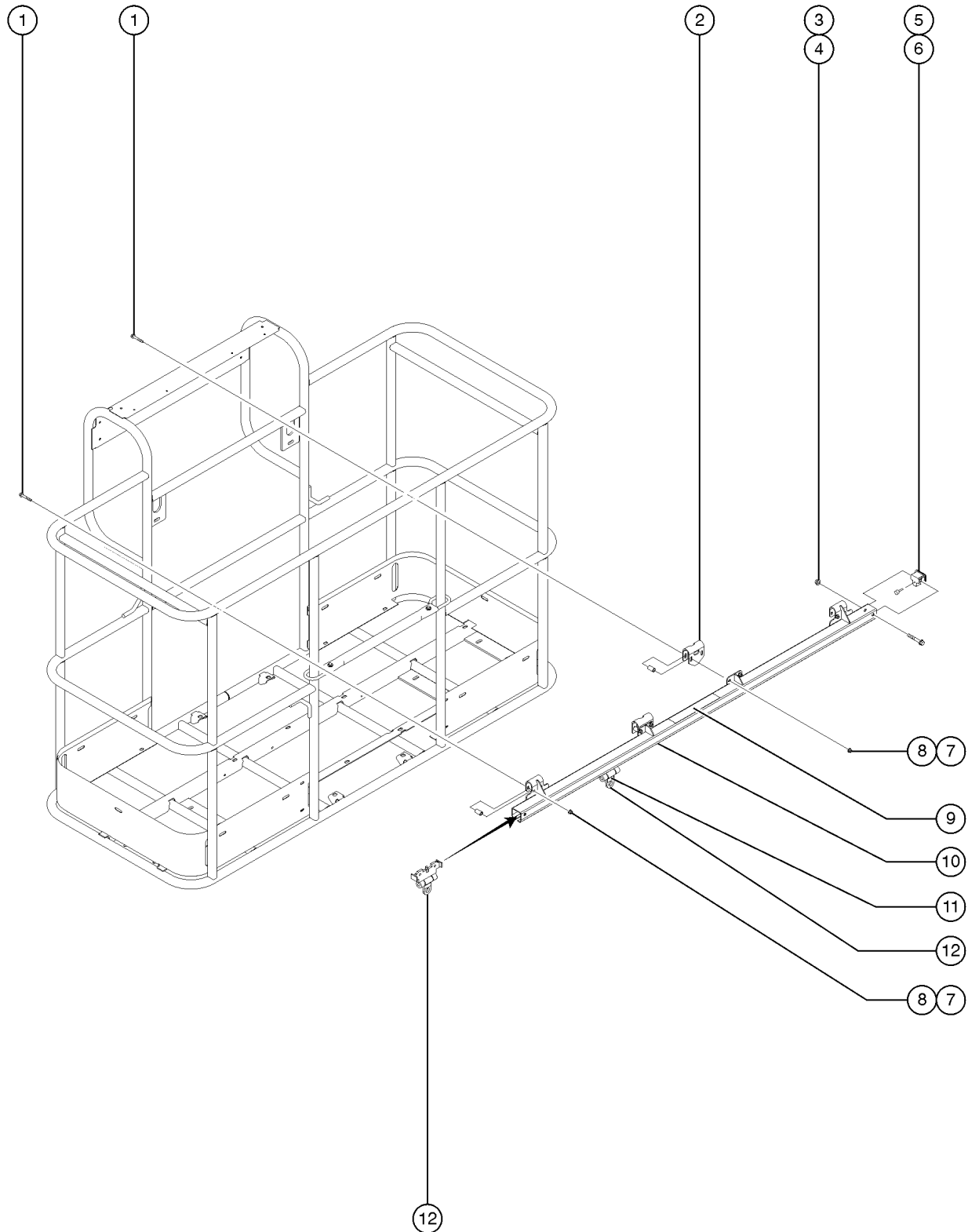
820.1 Operator Protection Structure



820.1 Operator Protection Structure

Item	Part No.	Description	Qty.
--		<i>Fits all 6' and 8' Booms</i>	
1	219158GT	ACCESSORY, OPERATOR PROT STRUCT.....1 <i>(Complete) includes all fasteners</i>	1
2	1256468GT	NUT, 3/8-16, 8, ZAG.....8	8
3	1255758GT	WASHER, FLAT, 3/8, USS, ZAG.....12	12
4	824069GT	SCREW, HHC, 3/8-16X2.5, 8, ZAG.....4	4
5	1251600GT	U-BOLT, FLATTENED, 1.5 X 3/8 UNC, ZAG.....4	4
6	1261184GT	NUT, 1/4-20, 8, ZAG.....4	4
7	824120GT	WASHER, FLAT, .375X1.50X.125, ZAG.....2 <i>Use only with the platform control box cover option</i>	2
8	824113GT	WASHER, FLAT, USS, 1/4, ZAG.....6	6
9	824060GT	SCREW, HHC, 1/4-20X1, 8, ZAG.....4	4
10		Ref. DECAL, INSTRUCTION, OPS.....1 <i>refer to Section 1</i>	1

821.1 Fall Arrest Bar



821.1 Fall Arrest Bar

Item	Part No.	Description	Qty.
1	1256856GT	SCREW,HHF,3/8-16X2.5,8,ZAG.....	4
2	1256389GT	FORMING,INNER HANGER.....	2
3	1251997GT	NUT,TL FLG,1/2-13,G,ZAG.....	2
4	1256851GT	SCREW,HHF,1/2-13X3.5,8,ZAG.....	2
5	1260892GT	END STOP,TRACK,FALL ARREST BAR.....	2
6	36388GT	BUMPER,RUBBER,.75 X .50H,STUD....	2
7	1274322GT	NUT,NYLOCK FLG,3/8-16,F,ZAG.....	8
8	1256481GT	SPACER, HANGER BRACKET.....	8
9A	1256400GT	DECAL,TRACK,FALL ARREST BAR,WORD.....	1
9B	1260910GT	DECAL,TRACK,FALL ARREST BAR,SYMBOL.....	1
9C	1256400FRGT	DECAL,TRACK,FALL ARREST BAR,WORD FR.....	1
10A	1256377GT	ACC,FALL ARREST BAR,8FT WORD..... <i>includes instructions and decals</i>	1
--	1256379GT	ASSY,TRACK,FALL ARREST BAR,8FT WORD <i>includes decals</i>	
10B	1261022GT	ACC,FALL ARREST BAR,8FT SYM..... <i>includes instructions and decals</i>	1
--	1261024GT	ASSY,TRACK,FALL ARREST BAR,8FT SYM <i>includes decals</i>	
10C	1261018GT	ACC,FALL ARREST BAR,8FT FR..... <i>includes instructions and decals</i>	1
--	1261020GT	ASSY,TRACK,FALL ARREST BAR,8FT FR <i>includes decals</i>	
10D	1256378GT	ACC,FALL ARREST BAR,6FT WORD..... <i>includes instructions and decals</i>	1
--	1256380GT	ASSY,TRACK,FALL ARREST BAR,6FT WORD <i>includes decals</i>	
10E	1261023GT	ACC,FALL ARREST BAR,6FT SYM..... <i>includes instructions and decals</i>	1
--	1261025GT	ASSY,TRACK,FALL ARREST BAR,6FT SYM <i>includes decals</i>	
10F	1261019GT	ACC,FALL ARREST BAR,6FT FR..... <i>includes instructions and decals</i>	1
--	1261021GT	ASSY,TRACK,FALL ARREST BAR,6FT FR <i>includes decals</i>	
11	40434GT	DECAL,LANYARD ANCHORAGE POINT.....	1
12	1256439GT	TROLLEY, TRACK, FALL ARREST BAR.....	1

Part Number Index

The Part Number Index is a numeric index of all part numbers included in this manual. The index shows what page(s) the part is used on.

Part Number	Page	Part Number	Page	Part Number	Page	Part Number	Page
1000054GT 15		101629GT 63, 67		102048GT 47		106182GT 167	
1000083GT 11-12		101632GT 185		102064GT 19		106183GT 191	
1000084GT 11-12		101634GT 55, 61		102101PGT 51		106184GT 187-188	
101000GT 45		101639GT 181, 183		102188GT 11-12		106187GT 21, 45	
101001GT 45		101644GT 63		102203GT 47, 51		106204PGT 191	
101004GT 25		101653GT 175		102208GT 55		106211-300GT 47	
101005GT 119, 125		101654PGT 175		102209PGT 55		106211-400GT 181, 183	
101005HGT 119, 125		101655PGT 65		102216GT 97		106226-4000GT 67	
101032PGT 23		101657GT 181		102218PGT 57-58		106272GT 191	
101038GT 23, 25		101658GT 181		102220GT 181, 183		106275GT 191	
101039PGT 23, 25		101662GT 47		102237PGT 55		106277PGT 93, 95	
101068GT 157		101667GT 173		102279GT 39-40		106280GT 55	
101070GT 19		101668GT 173		102287GT 51		106281PGT 71, 73, 75, 77, 79	
10107GT 39-40		101682GT 34-35		102288GT 51		106354PGT 187-188	
101098GT 97		101683GT 34-35		102301GT 47		106375GT 188	
101099GT 107		101700GT 188		102303GT 51		106376GT 43	
101104GT 107		101701GT 191		102314GT 187-188		106378GT 89, 91	
101106GT 85, 87, 89, 91, 107		101704GT 23		102348GT 65		106382GT 151	
101108GT 107		101708GT 71		102357GT 188		106386GT 157	
101109GT 107		101709GT 103		102449GT 19		106394GT 187-188	
101110GT 89, 91, 97		101710GT 93		102581GT 55		106446GT 17	
101112GT 107		101713GT 103, 105		102589GT 57-58		106447GT 17	
101150GT 25		101715GT 93		102593GT 55		106448GT 17	
101173GT 119, 125		101716GT 43		102598GT 61		106449GT 17	
101173HGT 119, 125		101718GT 71, 73		102631GT 61		106450GT 23	
101174GT 119, 125		101726GT 29		102632GT 61		106454GT 143	
101174HGT 119, 125		101731PGT 191		102638GT 65		106477GT 188	
101175GT 119, 125		101732GT 191		102639GT 65		106482GT 45	
101175HGT 119, 125		101733GT 163		102643GT 65		106483GT 45	
101180GT 34-35		101734GT 163		102644GT 65		106484GT 45	
101181GT 34-35		101735GT 163		102646GT 61		106498GT 39-40	
101182GT 34-35		101736GT 163		102681GT 171, 173, 175		106509GT 119	
101185GT 34-35		101737GT 163		102721PGT 159-160		106510GT 37	
101189GT 171, 173, 175		101738GT 163		102746GT 187-188		106512GT 37	
101190GT 171, 173, 175		101739PGT 163		102785PGT 159-160		106513GT 119	
101217PGT 65		101740PGT 163		102786PGT 159-160		106519GT 103, 105	
101219GT 65		101741GT 165		102992GT 117		106532GT 103, 105	
101315GT 89, 91, 97		101742PGT 165		104030GT 123		106538GT 99	
101340GT 31		101743PGT 165		104759GT 133, 145		106539GT 77	
101361GT 34-35		101744GT 165		104760GT 133		106552GT 89, 91	
101437GT 135, 139		101745GT 165		105666PGT 187-188		106553GT 89, 91	
101441GT 169		101746GT 165		10597GT 17, 21, 25, 93, 95		106571GT 79	
101444GT 27		101772GT 107		10598GT 39-40		106574GT 89, 91	
101445GT 27		101786GT 85, 87		106007GT 17, 167		106580PGT 89, 91	
101446GT 187-188		101787GT 85, 87		106012GT 39-40		106637GT 187-188	
101483GT 34-35		101788GT 85, 87		106013GT 39-40		106649PGT 187-188	
101499GT 23		101789-12537GT 147		106014GT 39-40		106658GT 188	
101504GT 23, 25		101789-16637GT 147		106020PGT 34-35		106673GT 111	
101507GT 81		101792-12978GT 147		106021PGT 27		106674GT 103, 105, 111	
101508GT 81		101792-13578GT 149		106022PGT 27		106675GT 111	
101509GT 81		101792-17278GT 147		106037GT 34-35		106680GT 23	
101510GT 81		101792-9378GT 149		106042GT 17		106682PGT 21	
101516GT 187-188		101793-2573GT 151		106044GT 191, 203		106684PGT 39-40	
101525GT 191		101795-4682GT 149		106064GT 21		106688GT 103, 105	
101546GT 145		101810GT 167		106070PGT 17		106696GT 21	
101547PGT 191		101846GT 167		106072GT 187-188		106729GT 75, 77	
101558PGT 23		101847GT 167		106074GT 103, 105		106732GT 167	
101559GT 99		101880PGT 99		106081PGT 101		106733GT 165	
101560GT 101		101918GT 81		106098GT 19		106742GT 17	
101561GT 99		101919GT 81		106104GT 63		106756GT 19	
101562GT 89, 91		101920GT 75		106105GT 163		106768GT 23	
101566GT 89, 91		101921GT 77		106109PGT 191		106772GT 81	
101567GT 89, 91		101927GT 25		106110GT 191		106785GT 47	
101572GT 23		101931PGT 61		106111GT 191		106796GT 71, 73, 75, 77	
101597GT 25		101932GT 163, 165		106112GT 191		106797GT 75, 77, 79	
101599GT 71, 93, 103		101957GT 47, 49, 57-58, 65, 67		106113GT 187-188		106810GT 71, 73	
101601GT 67		101959GT 34-35		106135GT 101		106817-8829GT 153	
101602GT 67		101960GT 34-35		106140PGT 188		106817-9629GT 153	
101603PGT 63		101964GT 29		106141GT 191		106818-67047GT 155	
101604PGT 63		102031GT 51		106145GT 163		106818-67247GT 155	
101606PGT 63		102043GT 47		106154GT 97		106819-67413GT 155	
101613GT 67		102044PGT 47, 51		106161GT 165		106819-67613GT 155	
101619GT 63		102045GT 47, 51, 53, 55, 57-58, 61, 63, 67		106162GT 165		106820-16653GT 151	
101628GT 63				106165GT 101		106821-105226GT 153	
				106171GT 34-35		106822-101726GT 155	

Part Number Index (continued)

Part Number	Page	Part Number	Page	Part Number	Page	Part Number	Page
106822-102226GT 155		107748GT 139		110771-465R3GT 17		122404GT 53	
106822-105026GT 153		107749GT 139, 141		110771-64463GT 71, 73		122406GT 37	
106822-105726GT 153		107750GT 139, 141		110789GT 169		122407GT 49	
106822-108826GT 153		107751GT 139, 141		110909GT 45, 71, 73		122408GT 49	
106822-109026GT 153		107752GT 139, 141		110910GT 45, 71, 73		122409GT 53	
106822-109726GT 153		107753GT 139, 141		110911GT 45, 107		122410GT 53	
106822-110026GT 153		107754GT 139, 141		110913GT 45, 93, 95		122411GT 49	
106830GT 39-40		107755GT 39-40		110914GT 45, 97		122412GT 53	
106843GT 81		10775GT 117		110915GT 39-40, 45		122413GT 49, 53	
106846GT 43		107762GT 99		110916GT 39-40, 45		122414GT 49	
106847GT 81		107768GT 133, 145		110917GT 39-40, 45		122415GT 53	
106848GT 81		107771GT 117		110934GT 17, 45		122423GT 49	
106849GT 17		107772GT 117		111119GT 51		122424GT 53	
106853GT 85, 87		107773GT 117		111381GT 197		122425GT 49	
106857GT 115		107774GT 117		111445GT 57-58		122427GT 49	
106859GT 21		107775GT 117		111526GT 159-160		122428GT 49, 53	
106860GT 21		107776GT 117		111639GT 53		122432GT 49, 183	
106861GT 21		107777GT 117		111668GT 57-58		122433GT 49	
106862GT 87		107778GT 117		11209GT 175		122434GT 49	
106871GT 27		107779GT 117		11413GT 97		122435GT 49	
106872GT 27		10777GT 117, 171, 173,		117491GT 43		122438GT 53	
106873GT 19		175		11808GT 25, 121		122466GT 49	
106874GT 19		107780GT 117		119065GT 39-40, 97, 107		122467GT 49	
106875GT 19		107781GT 117		119066GT 21		122470GT 49	
106881GT 29		107782GT 117		119067GT 23, 39-40, 71,		122472GT 49	
106882GT 29		107783GT 117		73, 93, 95		122515GT 37	
106914GT 39-40		107784GT 117		119106GT 83		122516GT 37	
106923GT 103, 105		107785GT 117		119108GT 91		122519GT 37, 119	
107501GT 75, 77, 79		107786GT 117		119112GT 135, 137		122591GT 49	
107503GT 71, 73, 75, 77		107788GT 133		119113GT 135, 137		122592GT 49	
107509GT 34-35		107794GT 117		119115GT 135, 137		122594GT 53	
107510PGT 34-35		107795GT 117		119116GT 135, 137		122602GT 49	
107511GT 34-35		107796GT 117		119151GT 25, 89		122603GT 49	
107512PGT 31		107798GT 119		119171PGT 35		122604GT 49	
107521GT 89, 91		107800GT 129		119205GT 177		122605GT 49	
107522GT 103, 105		107802GT 83		119244GT 45		122613GT 49	
107525PGT 31		107816GT 145		119247PGT 71, 73		122614GT 49	
107528PGT 171, 173, 175		107818GT 79		119248PGT 79		122615GT 49	
107536GT 23		107823GT 75, 77, 79		119250GT 179		122625GT 53	
107543GT 31		107832GT 79		119344GT 57-58		122669GT 157	
107547GT 173		107833PGT 75		119403GT 171, 173, 175		122708GT 53	
107586GT 101		107835GT 79		119404GT 171, 173, 175		122709GT 53	
107653GT 43		107838GT 93		119412GT 137, 141		122755GT 177, 191	
107654GT 43		107847GT 81, 83		119527GT 103		122768GT 185	
107657GT 187-188		107848GT 83		119533PGT 171		122771GT 185	
107661GT 71, 73, 75, 77		107850GT 69, 75		119534GT 179		122772GT 185	
107676PGT 25, 89		107851GT 69, 77		119613GT 119, 125		122792GT 37	
107681PGT 187-188		107857GT 159-160		119619GT 19		122793GT 37	
107692GT 11-12		107860GT 117		119620GT 19		122910GT 183	
107693GT 15		107868PGT 97, 107		119641GT 179		122911GT 183	
107714GT 37		108543GT 57-58		119674GT 45		122912GT 183	
107716GT 81		110194GT 127, 135, 137,		119761GT 17		122913GT 183	
107717GT 83		141		119762GT 39-40, 71, 73		122914GT 183	
107718GT 83		110195GT 131		119792GT 45		122919GT 39-40	
107719GT 83		110197GT 137, 139, 141		119839GT 21		122928GT 183	
107722GT 19		110198GT 135, 137, 139,		119840GT 21		122929GT 183	
107723GT 19		141		119847GT 101		122944GT 113	
107724GT 127, 129		110203GT 131		119848GT 69, 71, 73		12343GT 97	
107728GT 23		110229GT 121		119849GT 69, 79		12344GT 37, 123, 187-188	
107729GT 127		110304GT 63		119907GT 191		1251600GT 205	
107730GT 127		110342GT 137		119908GT 191		1251997GT 207	
107731GT 131		110343GT 135, 137		119915GT 125		1253696GT 39-40	
107732GT 129		110478GT 127		119950GT 159-160		1253697GT 39-40	
107733GT 131		110481GT 17		12011GT 87		1253698GT 39-40	
107734GT 131		110482GT 17		122026PGT 51		1253699GT 39-40	
107735GT 131		110531GT 115		122054GT 45		1253702GT 39-40	
107737GT 131		110580GT 109		122073GT 159-160, 203		1253709GT 39-40	
107738GT 133		110627GT 111		122079GT 115		1253814GT 89, 91	
107739GT 133		110692GT 45		122231GT 203		1253815GT 101	
107740GT 133		110756PGT 77		122258GT 37		1254825GT 34-35	
107741GT 145		110769GT 45		122266GT 57-58		1255452GT 21, 109, 113	
107742GT 143		110771-42163GT 93, 95		122272GT 27, 29		1255653GT 57-58	
107743GT 135, 137		110771-42223GT 107		122335GT 53		1255758GT 205	
107745GT 135, 137		110771-43103GT 39-40		122366GT 37		1255768GT 33-35	
107746GT 135, 137		110771-44163GT 97		122367GT 37		1255769GT 33-35	
107747GT 139, 141		110771-44463GT 71, 73		122402GT 53		1255770GT 33-35	

Part Number Index (continued)

Part Number	Page	Part Number	Page	Part Number	Page	Part Number	Page
1255771GT	33-35	128357GT	71	144161GT	171, 173, 175	22571GT	63
1255772GT	33-35	128358GT	103	146019GT	83	22578GT	57-58
1255773GT	33-35	128368GT	159-160	146020GT	83	226060GT	67
1256267GT	17, 21, 43, 93	128373GT	185	146044GT	49	226061GT	67
1256377GT	207	128374GT	159-160	146045GT	49	226103GT	55
1256378GT	207	128421GT	67, 183	146046GT	53	226104GT	55
1256379GT	207	128424GT	67	146047GT	53	226105GT	55
1256380GT	207	128505GT	53	146048GT	63	226106GT	55
1256389GT	207	128525GT	53, 58	146062GT	171, 173, 175	226127GT	67
1256400FRGT	207	128554GT	67	146284GT	187-188	226128GT	67
1256400GT	207	128555GT	67	146285GT	187-188	226487GT	105
1256439GT	207	128560GT	197	146306GT	49	226489GT	95
1256468GT	205	128578GT	119	146307GT	49	226491GT	73, 95, 105
1256481GT	207	128580-SGT	119	146343GT	43	226492GT	73, 95, 105
1256843GT	93	128638GT	63	146352GT	49	226493GT	73
1256851GT	207	128660GT	63	146399GT	169	226496GT	45
1256856GT	207	128661GT	63	146478GT	37, 119, 123	226497GT	45
1256857GT	101	128801GT	63	146612GT	17	226512GT	187-188
1258461GT	37	128802GT	63	146613GT	17	226513GT	187-188
1258463GT	34-35	128829GT	45	147095GT	37	226520GT	11-12
1259055GT	33-35	128858GT	63	147121GT	117	226627GT	61
1260641GT	115	128953GT	11-12	147221GT	117	22672GT	47, 167
1260892GT	207	128974GT	11-12	147404GT	195	22697GT	49
1260910GT	207	12906GT	27, 29	147405GT	195	22699GT	47, 49, 53, 55, 65, 67, 173, 175, 183
1261018GT	207	13000GT	51, 53, 173, 175, 187-188	147418GT	195		
1261019GT	207			147836GT	197	22700GT	175, 195
1261020GT	207	13002GT	34-35, 53, 57-58, 115, 187-188	147837GT	197	227425GT	188
1261021GT	207			147838GT	197	227515GT	117
1261022GT	207	13003GT	47, 51, 55, 57-58, 61, 63, 67	147839GT	197	227780GT	69, 79
1261023GT	207			1487GT	159-160	227785GT	23
1261024GT	207	13004GT	53	1488GT	159-160	227796GT	17
1261025GT	207	13064GT	23, 47, 51, 53, 61, 63, 65, 67	161189GT	55	227797GT	17
1261078GT	115			161522GT	11-12, 15	22788GT	195
1261184GT	205	13066GT	19, 34-35, 49, 63, 93, 197	162006GT	187-188	228465GT	117
1261517GT	155			17650GT	31	228824GT	34-35
1267807GT	51, 53, 57-58, 61	131323GT	33-35	18596GT	53, 55, 57-58, 63, 67, 97, 101, 107	229356GT	11-12
1268229GT	51, 53, 57-58, 61	13268GT	123			229359GT	159-160
1268499GT	101	133278GT	11-12	18665GT	187-188	229360GT	159-160
1268830GT	101	13585GT	117, 171, 173, 175	18666GT	191	229361GT	159-160
1269502GT	125			18722GT	17	229362GT	159-160
1273323GT	187-188	13635-10GT	201	18731GT	93, 95	229363GT	159-160
1273916GT	187-188	139066GT	63	19934GT	201	229364GT	159-160
1274322GT	207	139181GT	203	20776GT	187-188	229365GT	159-160
1276830GT	39-40	13918GT	51, 61, 165	20912GT	171, 173, 175	229366GT	159-160
1278369GT	187-188	13921GT	195	21130GT	57-58, 67	229386GT	123
1278371GT	187-188	139253GT	45	21141GT	34-35	229388GT	201
128000GT	125	139291GT	183	21148GT	33-35	229393GT	201
128001GT	125	139308GT	33-35	21175GT	23	229394GT	201
128004GT	55, 67	139309GT	33-35	214393GT	31	229395GT	201
1280068GT	19	139310GT	33-35	215209GT	31	229396GT	201
1280069GT	19	139311GT	33-35	215210GT	31	229397GT	201
1280070GT	19	139312GT	33-35	215590GT	37	229399GT	201
128023GT	55	139313GT	33-35	215728GT	95	229400GT	201
1280590GT	57-58	139314GT	33-35	21604GT	169	229567GT	123
1280591GT	57-58	139315GT	33-35	216061GT	73, 95, 105	229925GT	191
1280665GT	171, 173, 175	139321GT	58	21618GT	203	23057GT	63, 67, 181
1281249GT	63	139322GT	57-58	217217GT	73, 95, 105	230971GT	201
128198GT	63	139323GT	33-35	217219GT	73, 95, 105	230975GT	201
128200GT	119, 123	139338GT	119	217224GT	73	230977GT	11-12
128204GT	179	139339GT	157	217234GT	105	230985GT	11-12
128207GT	67	139367GT	187-188	217235GT	95	230987GT	11-12
128242GT	63	139438GT	159-160	217236GT	73	231046GT	201
128243GT	63	139455GT	55	217238GT	71	231047GT	201
128244GT	67	139598GT	125	217246GT	93	231048GT	201
128245GT	67	139621GT	55	217293GT	105	232975GT	123
128246GT	67	139624GT	57-58	217313GT	103	233116GT	73, 95, 105
128247GT	63	139647-SGT	34-35	217431GT	83	233117GT	73
128248GT	67	139666GT	57-58	217570GT	37	233118GT	95, 105
128249GT	67	139691GT	197	217571GT	121	233130GT	11-12, 15
128250GT	67	139709GT	55	217689GT	39-40	233565GT	17
128256GT	63	139798GT	49	218757GT	95	233566GT	17
128274GT	185	139904GT	203	219158GT	205	233992GT	159-160
128280GT	63	139919GT	187-188, 195	219160GT	12, 15	233993GT	160
128314GT	53, 55, 67	139958GT	159-160	22541GT	71, 93, 103	23404GT	121
128322GT	191	139983GT	55	22558GT	55	236168GT	83
128323GT	191	14033GT	23, 25				

Part Number Index (continued)

Part Number	Page	Part Number	Page	Part Number	Page	Part Number	Page
236282GT	81	31817GT	63	44743GT	117	49116-12537GT	147
236283GT	81	32675GT	187-188	44981GT	11-12, 15	49116-16637GT	147
236284GT	81	32741GT	137, 139	44986GT	11-12	49116-2387GT	155
237068GT	31	32998GT	11-12	45363GT	23, 27, 29	49117-2641GT	151
237069GT	37	33024GT	55	45384GT	119	49117-2841GT	151
237072GT	121	33277GT	63, 67, 181	45400GT	171	49117-6291GT	199
237224GT	123	33278GT	23, 34-35	45437GT	117	49119-12478GT	155
237225GT	123	33418GT	47, 51, 53, 55,	45470GT	169	49119-12778GT	155
237226GT	123		57-58, 61, 63, 67	45483GT	33-35	49119-12978GT	147
237227GT	123	33428GT	17, 89, 91, 103,	45708GT	31	49119-13578GT	149
237229GT	83		105	45748GT	169	49119-13778GT	149
237230GT	83	33432GT	187-188	45782GT	58	49119-1678GT	151
237232GT	19	33550GT	15	45912GT	131, 135, 137,	49119-17278GT	147
237233GT	19	33555GT	27, 29		141	49119-2078GT	151
237241GT	73, 95, 105	33557GT	89, 91	45921GT	135, 137, 139,	49119-2378GT	151
237242GT	73, 95, 105	33576GT	117		141	49119-2628GT	151
23877GT	185	33607GT	187-188	46188GT	203	49119-2828GT	151
24037GT	63	33608GT	187-188	46288GT	133	49119-33178GT	155
24038GT	63	33674GT	159-160	47377GT	109	49119-3378GT	155
24514GT	117	33681GT	97	47666GT	103, 105	49119-3378GT	155
25388GT	171, 173, 175	33952GT	11-12	4828GT	23, 25, 29, 33-	49119-34178GT	155
25685GT	169	33971GT	47		35, 39-40, 47,	49119-34378GT	155
25994GT	11-12	34052GT	31		49, 51, 53, 55,	49119-4178GT	155
27034GT	49, 53, 67, 183	34058GT	65		57-58, 61, 63,	49119-5378GT	155
27204GT	11-12, 15	34124GT	39-40, 71, 73		65, 71, 73, 75,	49119-8778GT	149
27205GT	11-12, 15	34125GT	99, 111		77, 79, 81, 85,	49119-9178GT	149
27206GT	11-12, 15	34127GT	17, 19		87, 89, 91, 97,	49119-9378GT	149
27207GT	11-12, 15	34350GT	27		101, 103, 105,	49126-2283GT	155
27246GT	119, 123	34619GT	169		107, 109, 113,	49128-2409GT	151
27287GT	179	34955GT	167, 183		117, 169, 171,	49128-2709GT	151
27564GT	11-12	35432GT	167		173, 175, 177,	49130-1307GT	153
27584GT	47, 51, 53, 63, 67	35434GT	67, 167		187-188, 191,	49130-14682GT	153
27697GT	43, 71, 73	35675GT	47, 49		197, 201, 203	49130-4682GT	149
27698GT	25, 79	35714GT	71, 73	48880GT	147, 149, 151,	49141-2863GT	151
27761GT	127	35956GT	159-160		155	49141-3213GT	153
27802GT	137, 139, 141	35960GT	159-160	48894GT	153	49143-3229GT	199
27836GT	127, 135, 141	36208GT	167	48904GT	151, 155	49150-17830GT	151
28159GT	11-12, 15	36294GT	89, 91, 97, 107	48905GT	147, 149, 151,	49150-3630GT	151
28161GT	11-12	36388GT	207		155, 199	49150-6730GT	151
28164GT	11-12	36415GT	23	48906GT	155	49151-4048GT	151
28165GT	11-12	36424GT	34-35	48907GT	155	49151-9398GT	151
28171GT	11-12, 15	37003GT	55	48908GT	151	49167-2229GT	151
28174GT	11-12, 15	38859GT	27	48911GT	147, 149	49167-2279GT	193
28175GT	11-12	38922GT	63	48912GT	147, 151, 155	49167-7229GT	193
28176GT	11-12	39317GT	97	48914GT	195	49167-8629GT	193
28177GT	11-12	39346GT	145	48916GT	149, 151, 153,	49183-13192GT	153
28181GT	11-12	39478GT	113		155	49183-14992GT	153
28235GT	11-12, 15	39640GT	99	48920GT	149	49183-2892GT	199
28236GT	11-12	39879GT	195	48927GT	151	49183-4292GT	149
28487GT	79	40434GT	11-12, 15, 207	48932GT	151, 199	49183-5092GT	151
28853GT	185	41468GT	63	48933GT	147, 151, 153,	49207GT	151
29029GT	137, 139, 141	41489GT	33-35		155, 193, 199	49212GT	177
29080GT	111	42014GT	103, 105, 111	48937GT	149, 151, 153,	49214GT	177
29290GT	33-35	42016GT	21		155	49215GT	177
29739GT	157	42079GT	97, 101, 107	48938GT	199	49378GT	67
29746GT	91	42104GT	159-160	48940GT	147	49379GT	67
29764GT	27, 115	42360GT	25, 89	48941GT	199	49381GT	51, 63, 65
29868GT	25, 27, 31, 34-	42502GT	111	48943GT	153	49388GT	55
	35, 39-40, 79	42571GT	97	48946GT	151, 199	49407GT	57-58
29883GT	47, 53, 65	4266GT	31, 101, 115,	48947GT	155, 193	49408GT	63, 67
30137GT	111		159-160	48948GT	147, 149, 155	49410GT	47, 51, 53, 63,
30138GT	111	42787GT	151	48959GT	151, 153		65, 67
30143GT	31	42788GT	151	48960GT	149, 151, 153,	49411GT	55
30194GT	21	43018GT	81, 143		193, 199	49418GT	151
30255GT	109	43392GT	159-160	48961GT	147, 149, 151,	49775GT	71, 73
30438GT	63	43960GT	17, 39-40, 71,		193	49816GT	23, 27, 29, 37,
30468GT	159-160		73, 93, 95, 97,	48963GT	147, 151, 153,		117, 171, 173,
30489GT	47, 55, 67, 167,		107		193		175
	181, 183	44064GT	47, 65, 173, 195	48964GT	193, 199	49817GT	17, 21, 93, 95
30971GT	167, 181, 183	44174GT	133, 145	48968GT	153	49818GT	187-188
30973GT	23	44216GT	133	48975GT	195	49820GT	37, 187-188
31060GT	11-12	44227GT	133	48978GT	151, 193	49857GT	75, 77, 99, 115
31120GT	159-160	44228GT	145	48984GT	151	49922GT	57-58
31406GT	127	44229GT	133, 145	48996GT	151	49924GT	57-58
31523GT	167	44235GT	133	48998GT	147, 149, 151,	50032GT	17
31723GT	39-40	44714GT	51, 53, 61		155	50082GT	29

Part Number Index (continued)

Part Number	Page	Part Number	Page	Part Number	Page	Part Number	Page
50160GT	71	58954GT	197	60729PGT	34-35	61259GT	155
50188GT	17	59680GT	175	60738GT	171, 173, 175	61263GT	151
50245GT	71, 73, 75, 77, 79, 99	6-5206-12GT	201	60739GT	171, 173, 175	61270GT	47
50546GT	109	6-5206-18GT	201	60757GT	23, 47, 57-58, 65, 67, 171, 173, 175	61273GT	47
50701GT	109	60177GT	71, 73			61283GT	17
50787-SGT	57-58	6019GT	23, 34-35, 47, 49, 51, 53, 57-	60778-SGT	29, 57-58, 61	61341GT	89, 91
50790GT	29		58, 61, 63, 71, 73, 75, 77, 79, 85, 89, 91, 97, 103, 105, 107, 117, 171, 173, 175, 197	60790GT	107, 171	6145GT	23, 29, 159-160
50813GT	113			60805GT	29	6146GT	27, 29, 37, 39-
5094GT	27			60826GT	47		40, 63, 83, 117, 169, 188
50974GT	29, 31, 34-35, 51, 53, 57-58, 61, 63			60838GT	55	61602GT	103, 105, 109
51063GT	39-40, 71, 73, 97, 107, 188	6021GT	23, 25, 29, 33- 35, 39-40, 47, 49, 53, 61, 71, 73, 75, 77, 79, 99, 101, 103, 105, 111, 163, 165, 171, 201	6083GT	171	61610GT	193
51131GT	29			60840GT	77, 101	61726GT	169
51580GT	147, 149, 199			60857GT	33-35, 51, 53, 57-58, 61	6175GT	27, 29, 33-35, 51, 57-58, 71, 73, 75, 77, 79, 87, 99, 101, 105, 109, 111, 113
52087GT	157			60868GT	67		
5224GT	81, 109, 165			6086GT	25	61781GT	67
52352GT	57-58			60872GT	27, 29	6178GT	23, 27, 29, 31, 37, 39-40, 71, 73, 83, 93, 97, 103, 107, 117, 171, 173, 175, 188
52371GT	133	60239GT	99, 101	60875GT	51		
52661GT	159-160	6024GT	47, 51, 53, 55, 57-58, 61, 63, 65, 67	60884GT	29		
52768GT	35			60886PGT	177		
52866GT	47, 57-58, 65, 67			60887GT	171, 173, 175		
52943GT	131	60304GT	71, 73, 75, 77, 79, 101	60890GT	29		
53471GT	67			60893GT	27		
5365GT	169			6090GT	21, 27, 33-35, 49, 57-58, 63, 67, 89, 91, 103, 117, 159-160, 163, 165, 181, 183, 203	61804GT	169
53807-SGT	159-160	60322-SGT	65			61812GT	43
53808-SGT	159-160	60334GT	33-35, 101			61814GT	89, 91
5387GT	71, 73	6033GT	43, 93, 95			61815GT	99
53967GT	31	6035GT	29			61816GT	109
53976GT	197	6036GT	29, 195	6091GT	21, 23, 25, 27, 29, 31, 34-35, 49, 51, 57-58, 67, 71, 73, 81, 85, 87, 89, 91, 95, 97, 101, 103, 105, 107, 115, 117, 121, 169, 181, 183, 187- 188, 203	61817GT	103, 105
5397GT	34-35, 47, 49, 51, 53, 55, 57- 58, 61, 63, 73, 81, 105, 115, 117, 171, 173, 175, 177, 187- 188, 191, 203	60370-SGT	115			61821GT	69, 77
		6037GT	115, 187-188			61852GT	97
		60425GT	17			61853GT	83
		60429GT	39-40, 71, 73			61920PGT	103, 105
		60439GT	39-40, 97, 107			61952PGT	79
		60441GT	21			61960GT	83
		60443GT	23, 39-40, 71, 73, 93, 95			61961GT	81, 83
						61972GT	169
54063GT	109	60474GT	117			61976GT	169
54177GT	34-35, 43	60475GT	117	60936GT	35	61977GT	169
54205GT	63	60476GT	117	60938GT	29	6198GT	27, 39-40, 89, 187-188, 197
54363GT	63	60485GT	27	60940GT	31		
54457GT	160	60496-SGT	27	6095GT	25, 27, 39-40, 187-188, 201	61997GT	169
55067GT	115	60509-SGT	27			62321GT	39-40
55753GT	203	60521GT	171, 173, 175	60964GT	27	62374GT	37
56093GT	87	60525GT	47, 57-58, 65, 67	60966GT	27	62375GT	37
56236GT	139, 141	60526GT	47, 57-58, 65, 67	6096GT	27, 43	62379GT	37, 119
56424GT	117, 160	60527GT	171, 173, 175	6097GT	21, 23, 25, 27, 29, 31, 33-35, 39-40, 49, 51, 53, 57-58, 61, 63, 65, 71, 73, 75, 77, 79, 81, 85, 87, 89, 91, 97, 99, 103, 105, 107, 109, 117, 169, 171, 187- 188, 197	62385GT	119
56426-700GT	203	60528GT	171, 173, 175			62389GT	121
56457-SGT	37	60536GT	31			62392GT	125
56462GT	34-35	60550GT	47			62399GT	121
56604GT	151	60555GT	21			62412GT	34-35
56912GT	27, 29, 47, 49, 63, 67, 93, 95, 107, 117	60559GT	34-35			62425GT	47, 57-58, 65, 67
		60561GT	49, 65, 67			62433GT	61
		60564GT	61, 65			62476GT	67
56934GT	159-160	60571-SGT	37			62478GT	19
57162GT	34-35	60575PGT	39-40			62506GT	143
57201GT	115	60576GT	65			62507GT	143
58222GT	33-35	60578GT	27, 29	60980GT	21	6272GT	179
58223GT	33-35	60585GT	63	61024GT	47	62815GT	133
58249GT	57-58	60586GT	47, 51	61072-3293GT	153	6326GT	99
58256GT	58	60595-SGT	29	61073-15930GT	151	63311GT	160
58299GT	57-58	60596GT	49	61073-3530GT	151	63375GT	171, 173, 175
58303GT	139, 141	60609GT	21, 23	61074-105926GT	153	6356GT	23, 25, 27, 29, 33-35, 37, 51, 53, 57-58, 67, 101, 103, 119, 159-160
58304GT	33-35	60618GT	21, 23	61074-13248GT	153		
58308GT	97	60625GT	29	61074-5348GT	199		
58309GT	97	60627GT	167	61083GT	151		
58387GT	34-35	60637GT	47	61110GT	49, 55		
58489GT	34-35	60649GT	51, 61	61189GT	29	63766GT	117
58566GT	57-58	60655-SGT	27	61195GT	171, 173, 175	65278GT	11-12
58596GT	33-35	60670-SGT	27	61222GT	43	65473GT	47, 51, 53, 61, 63
58597GT	33-35	60707GT	171, 173, 175	61223GT	43	65616GT	34-35
58630GT	57-58	60721GT	31	61225GT	31	6578GT	67
58631GT	187-188, 195	60727GT	29, 31, 34-35	61236GT	29	65793GT	17
58944GT	197	60729GT	51, 53	61245GT	185	6605GT	71, 73, 75, 77, 79

Part Number Index (continued)

Part Number	Page	Part Number	Page	Part Number	Page	Part Number	Page
6606GT	29	71858GT	109	75555GT	65	82548GT	15
6637GT	113	71911GT	53, 55, 61, 63	75617-1538GT	203	8255GT	21, 25, 29, 33–
6638GT	21, 23, 25, 27, 29, 31, 34–35, 37, 47, 49, 51, 53, 67, 71, 85, 87, 89, 91, 93, 95, 97, 101, 103, 105, 107, 113, 115, 117, 119, 159–160, 163, 165, 169, 175, 181, 183, 187– 188, 203	72043GT	127	75617-1675GT	203		35, 49, 53, 75, 77, 101, 111
66472GT	203	72047GT	131	75617-2275GT	203	825760GT	91
66777GT	55, 63	72255GT	58	75617-4788GT	203	82602GT	15
66811GT	37	72326GT	37, 119	75617-6275GT	203	82604GT	15
66812GT	37, 119, 123	7339GT	19, 23	75617-6475GT	203	82607GT	15
66813GT	123	73477PGT	117	75633GT	21, 23	826379GT	201
66816GT	37	73478PGT	117	75636GT	203	82671GT	15
66817GT	37, 119	73500GT	160	75654GT	151	82812GT	37
66818GT	37, 119	73501GT	160	75854GT	34–35	82840GT	11–12, 15
66821GT	37	73610PGT	117	75855GT	34–35	82841GT	11–12, 15, 119
6708GT	23, 25, 163	73634GT	169	76069GT	43	82862GT	12
6782GT	23, 34–35, 51, 53, 173, 175, 187–188, 191	73711GT	47, 57–58, 65, 67	76390GT	19	82924GT	15
6833GT	121, 203	73712GT	171, 173, 175	7684GT	39–40	83009GT	34–35
6878GT	81	73713GT	39–40, 71, 73, 93, 95, 97, 107	77036GT	85, 87	83093GT	37
6884GT	188	73714GT	17, 71, 73	77103GT	45	83098GT	125
6886GT	33–35, 187–188	73717GT	37	7713GT	49, 53, 71, 73, 81, 109	83124GT	33–35
6888GT	23, 27, 29, 34– 35, 37, 47, 49, 51, 57–58, 67, 93, 107, 115, 159–160, 169, 181, 183, 187– 188, 203	73730GT	187–188	77162GT	129	84134GT	127
6889GT	93, 159–160, 188, 203	73772-101592GT	155	77490GT	131	84135GT	127
6935GT	187–188	73772-12092GT	147	77492GT	131	8425GT	171, 173, 175
69776GT	171, 173, 175	73772-12592GT	147	77493GT	127	85053GT	55, 175
69873GT	127, 129	73772-13292GT	147	77683GT	159–160	85064GT	63
70257GT	47, 49, 65, 67	73772-13792GT	147	77780GT	197	8516GT	29, 39–40, 51, 53, 55, 57–58, 61, 63, 71, 73, 75, 79, 81, 87, 89, 91, 103, 105, 109, 171, 197
70264GT	97	73772-1692GT	151	77797GT	203	85300GT	160
70289GT	29	73772-2192GT	151	77819GT	157	87070GT	33–35
70381GT	49, 55	73807GT	143	77896GT	97	87085GT	97
70397GT	171	73928GT	115	77993GT	115	87172GT	199
70438GT	55	73931GT	117	80543GT	187–188	87246GT	195
70440GT	55, 57–58	74006GT	171, 173, 175, 187–188	81341GT	97, 107	88019PGT	97
70444GT	49, 55, 61, 63	74052GT	117, 171, 173, 175	81342GT	97, 107	88022GT	71, 73, 75, 77
70445GT	55	74085GT	109	81347GT	101, 107	88056GT	37
70447GT	55	74254GT	101	81366GT	34–35	88150GT	37
70448PGT	55	74872GT	81, 99	81467GT	47, 57–58, 65, 67	88177GT	37
70449GT	55, 61, 63	74902GT	127, 129, 131, 139, 141	81468GT	47, 57–58, 65, 67	88212GT	23, 34–35
70478PGT	58	75020GT	61	81488GT	121, 123	88266GT	31
70479PGT	57–58	75041GT	83, 171, 173, 175	81551GT	37, 119, 121, 179	88279GT	89, 91
70483GT	55, 63	75048GT	185	81578GT	31	88280GT	103, 105
70515GT	57–58, 181, 183	75069GT	171, 173, 175	81738-2200GT	47	88296GT	173
70516PGT	33–35	75073GT	29	81738-2700GT	47	88315GT	37
70517GT	51	75076GT	23, 29	81738-3300GT	67	88345GT	101
70518GT	47, 51, 61	75087GT	21	81738GT	65	88353GT	151
70535PGT	29	75102GT	51	81777GT	97, 107	88377GT	160
70537PGT	47, 51	75113GT	34–35	8177GT	89	88384GT	203
70540GT	61	75126GT	39–40	8178GT	23, 197	88385GT	203
70545GT	175	75128GT	39–40	81812-12292GT	147	88390GT	203
70546PGT	181	75129GT	39–40	81812-16692GT	147	88441-4140GT	151
70553GT	61	75130GT	39–40	81812-2292GT	155	88492GT	181
70554GT	61	75151GT	47	81852GT	171, 175	88493GT	181, 183
70556GT	47	75153GT	51	822224GT	123	88512GT	57–58
70557PGT	58	75171GT	51	82237GT	187–188, 191	88576GT	113
7056GT	171, 173, 175	75253GT	151	82308GT	11–12, 15	88606PGT	159–160
7057GT	34–35, 171, 173, 175, 187–188	75254GT	151	82314GT	11–12	88607PGT	159–160
71259GT	34–35	75256GT	151	824027GT	115	88609SGT	159–160
71508GT	31	75257GT	151	824029GT	101	88648GT	75, 77, 79, 101
		75259GT	51, 53, 61	824060GT	205	88667GT	99
		75260GT	47, 65	824069GT	205	88942-16554GT	151
		75262GT	47	824082GT	115	8914GT	21, 51, 53, 113, 117, 119
		75297GT	51, 61	824084GT	115	8915GT	25, 29, 71, 73, 93, 95, 101, 103, 105, 117, 169
		75328GT	61, 63	824092GT	101	89310GT	131, 135, 137, 139, 141
		75410GT	29	824093GT	101	89511GT	65
		75411GT	29	824113GT	205	89539PGT	27
		75443GT	125	824120GT	205	89755GT	169
		75444GT	125	824164GT	101, 109	89837GT	51
		75445GT	125	82422GT	11–12, 15	89849GT	131, 135, 137
		75446GT	125	824587GT	71	89850GT	131
		75447GT	125	824589GT	103		
		75448GT	125	824692GT	103		
		75449GT	125	82472GT	15		
		75450GT	47, 57–58, 65, 67	82473GT	15		
		75451GT	47, 57–58, 65, 67	82487GT	15		
		75452SGT	19	825019GT	21, 29, 89, 91, 103, 105, 113		
				82544GT	15		
				82546GT	15		

Part Number Index (continued)

Part Number	Page	Part Number	Page	Part Number	Page
89853GT	131, 135, 137	94968GT	45	T114678GT	58
89871-1448GT	193	94969GT	45		
89871-2798GT	147	94970GT	45		
89871-3148GT	193	94971GT	45		
89871-3198GT	147	94972GT	45		
89908GT	171, 173, 175	94973GT	45		
89915GT	159–160	94976GT	45		
89959GT	181, 183	94980GT	45		
89997GT	31	94981GT	37		
89998GT	47, 57–58, 65, 67	94982GT	37		
9145GT	187–188, 197	94985GT	23, 45		
94193GT	109	94996GT	45		
94194GT	109	94997GT	45		
94195GT	103, 105	94998GT	45		
94203GT	103, 105	94999GT	45		
94324GT	61	9596GT	159–160		
94327GT	31	9599-SGT	159–160		
94374-13330GT	193	97372GT	133, 145		
94374-13930GT	193	97576GT	11–12		
94374-5930GT	151	97579GT	12		
94374-9080GT	193	97602GT	11–12		
94374-9930GT	193	97603GT	11–12		
94464-3586GT	147, 149	97705GT	11–12, 15		
94465-3650GT	147	97708GT	11–12		
94465-4050GT	147	97715GT	11–12		
94466-3536GT	147, 149	97716GT	11–12, 15		
94493-SGT	159–160	97757GT	11–12, 15		
94549GT	45	97815GT	15		
94555GT	111	97864GT	11–12		
94580GT	133	97865GT	11–12		
94592GT	97	97875GT	11–12		
94601GT	69, 75	97885GT	11–12		
94612GT	34–35	97887GT	11–12		
94618GT	133	97889GT	11–12, 15		
94620GT	33–35	97890GT	11–12		
94621GT	34–35	97891GT	11–12, 15		
94622GT	34–35	98012GT	65, 181		
94623GT	34–35	98013-SGT	171		
94624GT	34–35	98014GT	175		
94625GT	34–35	98016-SGT	171		
94626GT	34–35	98017GT	175		
94643GT	169	98018GT	173		
94653GT	109	98023GT	177		
94745PGT	159–160	98027GT	159–160		
94747GT	19	98147GT	17		
94757GT	187–188	98148GT	17		
94759GT	187–188	99015GT	173		
94760GT	187–188	99747GT	49		
94765GT	187–188	T106954GT	39–40		
94775GT	107	T106955GT	39–40		
94803GT	103, 105	T106956GT	39–40		
94804GT	103, 105	T106960GT	40		
94806GT	101	T107366GT	17		
94809GT	89, 91	T107883GT	113		
94810GT	89, 91	T108075GT	109, 113		
94811GT	89, 91	T108079GT	109		
94813GT	89	T108692GT	37, 45		
94814GT	93, 95	T108693GT	37, 45		
94818GT	43	T108732GT	55		
94853GT	17	T108733GT	55		
94940GT	17	T108734GT	55		
94941GT	17	T109328GT	159–160		
94942GT	127, 129	T111582GT	45		
94943GT	131	T111608GT	197		
94953GT	45	T111609GT	197		
94954GT	45	T111610GT	197		
94955GT	45	T111611GT	197		
94956GT	45	T111612GT	197		
94958GT	45	T111613GT	197		
94959GT	45	T111702GT	17		
94960GT	45	T111703GT	17		
94961GT	45	T112626GT	125		
94962GT	45	T112773GT	11–12, 15		
94963GT	45	T113655GT	187–188		
94966GT	45, 121	T114022GT	187–188		
94967GT	45	T114023GT	187–188		

The Part Description Index is an alphabetical index of all part descriptions included in this manual. The index shows what page(s) the part is used on.

1

10-32 X .5 FILLISTER HD.SCREW.....31

A

ACC,FALL ARREST BAR,6FT FR.....207
 ACC,FALL ARREST BAR,6FT SYM.....207
 ACC,FALL ARREST BAR,6FT WORD.....207
 ACC,FALL ARREST BAR,8FT FR.....207
 ACC,FALL ARREST BAR,8FT SYM.....207
 ACC,FALL ARREST BAR,8FT WORD.....207
 ACC,PLAT CONTROL COVER, SERV.....159–160
 ACCESSORY,OPERATOR PROT STRUCT.....205
 ACCESSORY,PANEL CRADLE,ANSI.....159–160
 ACTIVATOR,STEER SENSOR.....21, 23
 ADAPTER,1/4 FNPT X 1/2-20 UNF.....63
 ADAPTER,WELDER,208-220.....191
 ADAPTER-FUEL FILTER, PERK 1104.....65
 AIR CLEANER CLIPS, SUPERBOOM.....47, 57–58, 65, 67
 AIR CLEANER COVER, SUPERBOOM*.....47, 57–58, 65, 67
 AIR CLEANER,CLAMP,CUM B3.3T.....49
 AIR CLEANER,CUMMINS B3.3T.....49
 AIR CLEANER,NELSON.....47, 57–58, 65, 67
 AIR FILTER, PRIMARY ELEMENT.....49
 AIR FILTER, SECONDARY ELEMENT.....49
 ALARM,AUDIO,SUPERBOOM***.....37, 119
 ALTERNATOR.....53, 63, 187–188, 195
 ALTERNATOR, DEUTZ,BF4L2011***.....57–58
 ALTERNATOR,CUMMINS 4B3.9, 95A.....51
 ALTERNATOR,CUMMINS B4.5.....51
 ALTERNATOR,PERKINS 1104C-44.....61
 ARM,ANTI-ROTATION,SWIVEL***.....39–40
 ASSEMBLY, DIPSTICK TUBE.....67
 ASSEMBLY,FOOT SWITCH.....117
 ASSEMBLY,FUEL TANK,40 GAL***.....29
 ASSEMBLY,LCD HEATER ALC1000.....37
 ASSEMBLY,PRIMARY EXT.Boom***.....101
 ASSEMBLY,RISER BOOM #1***.....69, 71, 73
 ASSEMBLY,RISER BOOM #4***.....69, 79
 ASSM, GEN. ONLY, 110V, 60HZ.....197
 ASSY, CIRCUIT BREAKER 20A.....37
 ASSY, HYD/ELEC 5 PORT/10 CONT.....39–40
 ASSY, LS, LOAD SENSE, ALC1000.....169
 ASSY, MED. PRESS. FILTER, SAE8.....51, 53, 57–58, 61
 ASSY, RAD/CAC, CUMMINS B3.3T.....53
 ASSY, RESISTOR, P7R/P6R1.....37, 45
 ASSY, 5 GPM PRESSURE COMP VALV.....115
 ASSY,ANGLE SEN.,Z135 BELL CR.....105
 ASSY,ANGLE SEN.,Z135 PRIMARY.....95
 ASSY,ANGLE SEN.,Z135 SECONDARY.....73
 ASSY,BLEED LINE (139367).....195
 ASSY,BRACKET,KS CONTACT BLOCK.....37
 ASSY,CONTROL BOX,TCON,Z135.....37
 ASSY,FOUR LINK CABLE TRACK***.....83, 97
 ASSY,HOSE GUARD,RISER PULLTUBE.....81
 ASSY,LIM.SW.ACTUATOR BLOCK***.....17
 ASSY,PRIMARY BOOM W/DECAL***.....99
 ASSY,RESISTOR, P6R2.....37, 45
 ASSY,RISER BOOM #4.....69, 79
 ASSY,SRV,PCB ASSY,ECM,GRD,V202.....37

ASSY,SRV,PCB ASSY,ECM,PLT,V201.....121
 ASSY,TIRE,445D50/710,LH.....17
 ASSY,TIRE,445D50/710,RH.....17
 ASSY,TRACK,FALL ARREST BAR,6FT FR.....207
 ASSY,TRACK,FALL ARREST BAR,6FT SYM.....207
 ASSY,TRACK,FALL ARREST BAR,6FT WORD.....207
 ASSY,TRACK,FALL ARREST BAR,8FT FR.....207
 ASSY,TRACK,FALL ARREST BAR,8FT SYM.....207
 ASSY,TRACK,FALL ARREST BAR,8FT WORD.....207
 ASSY, ELECTRIC SWIVEL, 10 CON.....39–40
 ASSY, HYDRAULIC SWIVEL, 5 POR.....39–40
 AUX TOP RAIL,6'(1.25")SERVICE.....159–160
 AUX TOP RAIL,8'(1.25")SERVICE.....159–160
 AXLE CASTING, W/BEARING, LF,RR.....17
 AXLE CASTING, W/BEARING, RF,LR.....17
 AXLE CVR W/DECALS, LF.....17
 AXLE CVR W/DECALS,LR.....17
 AXLE CVR W/DECALS,RF.....17
 AXLE CVR W/DECALS,RR.....17

B

BAFFLE,ENGINE AIR,PAINTED.....47, 51, 58
 BALL STUD**.....27, 29
 BAR,GUIDE BRACKET.....21
 BASE WITH 1 NC CONTACT, E-STOP.....37, 119
 BASE,WITHOUT CONTACTS.....37
 BATTERY CABLE 2GA RED AUX#2.....34–35
 BATTERY CABLE,2GA RED,AUX.....34–35
 BATTERY TERMINAL PROTECTORS.....34–35
 BATTERY TRAY FORMING,PAINTED.....31
 BATTERY, J 305GH, 315AH.....34–35
 BATTERY,12V,1000 CCA GRP 31.....31
 BEARING KIT,INNER (88921).....33–35
 BEARING KIT,OUTER (88921).....33–35
 BEARING KIT,RWD 1700TB***.....19
 BEARING TURNTABLE SEAL***.....23
 BEARING,1.25 ID X 1.5 OD X .75.....109
 BEARING,1.5"ID X 1.75OD X1.75L.....17
 BEARING,1.5IDX1.75ODX0.75L.....103, 105
 BEARING,1.5IDX1.75ODX1.5L,PTFE.....19
 BEARING,1.75IDX2.00ODX1.50L.....19
 BEARING,2.00IDX2.25ODX1.63L.....101
 BEARING,2.00IDX2.25ODX2.00L.....103, 105, 111
 BEARING,2.25IDX2.50ODX1.50L***.....17
 BEARING,2.25IDX2.50ODX2.00L.....17
 BEARING,2.25IDX2.50ODX2.25L.....99
 BEARING,2.50IDX2.75ODX1.50L.....43, 71, 73
 BEARING,2.50IDX2.75ODX2.00L.....25, 79
 BEARING,3.00IDX3.50ODX1.50L.....89, 91
 BEARING,3.25IDX3.50ODX1.50L.....89, 91
 BEARING,3.25IDX3.75ODX2.00L.....89, 91
 BEARING,FL,1.25IDX1.50DX1.25L.....47, 49
 BEARING,FL,2.50IDX2.75ODX1.36L.....89, 91
 BEARING,FL,2.50IDX2.75ODX1.61L.....99
 BEARING,GARLOCK,12FDU12.....169
 BEARING,MOTOR.....197
 BEARING,TURNTABLE.....23

BELLOWS,AXLE EXTEND CYLINDER**.....17, 167
 BELLOWS,BELLCRANK LEVEL CYL***.....167
 BELLOWS,CYL,PLATFORM LEVEL***.....167
 BELLOWS,JIB LIFT CYLINDER***.....167
 BELLOWS,PRIMARY LIFT CYLINDER.....167
 BELLOWS,RISER LIFT CYLINDER***.....167
 BELT.....53
 BELT TENSIONER CUMMINS B4.5.....51
 BELT,AX34***.....171
 BELT,AX40.....173
 BELT,AX42.....175
 BELT,SERPENTINE, CUMMINS B4.5.....47, 51
 BELT,V,(2) PERKINS 1104C-44.....61
 BIT,3/16,HEX SOCKET,SECURITY.....191
 BIT,5/32,HEX SOCKET,SECURITY.....21
 BIT,TORX SOCKET,SECURITY.....191
 BLANKET,BATTERY.....185
 BOLT, CARRIAGE, 3/8-16 X 1.50, G5.....107, 171
 BOLT,CARRIAGE,1/4-20 X .75,G2.....81
 BOLT,CARRIAGE,3/8-16 X .75,G2.....71, 73
 BOOT(BELLOWS),E-STOP,BLACK.....37, 119, 123
 BOOT, ROCKER JOYSTICK 75565.....125
 BOOT,JOYSTICK.....125
 BOOT,TOGGLE SWITCH,SHORT*.....119, 123
 BOX,INSTRUCTION STORAGE.....117
 BRACE,MUFFLER,DEUTZ***.....55
 BRACKET BASE ASSEMBLY.....159–160
 BRACKET, CABLE STRAIN RELEIF.....115
 BRACKET, CAC INTAKE TUBE MOUNT.....53
 BRACKET, FAN SHROUD, LH.....67
 BRACKET, LS, DRIVE ROT.....39–40
 BRACKET, RISER EXT L/S, PTD.....71, 73
 BRACKET, SUPPORT, EXH. CUM T3.....53
 BRACKET,1K OHM 10-TURN POT,PNT.....188
 BRACKET,AIRLINE TO PLATFORM.....177
 BRACKET,BATTERY CABLE PAINTED.....29
 BRACKET,CABLE TRACK,MOVING END.....97
 BRACKET,CAC 2 TUBING MOUNT.....53
 BRACKET,CNTL BOX MOUNTING***.....37
 BRACKET,CUMMINS INTAKE TUBE.....47
 BRACKET,ENG.MOUNT,FRT.PERKINS.....61, 65
 BRACKET,ENGINE MOUNT,CUMMINS.....47, 51
 BRACKET,FAN SHROUD,RH,PAINTED.....63
 BRACKET,FILTER/TEST PORT.....51
 BRACKET,GENERATOR ADJUSTER.....173
 BRACKET,GENERATOR ADJUSTER PNT.....175
 BRACKET,GENERATOR BOX MOUNT.....171, 173, 175
 BRACKET,HYD.ROTATOR MOUNT MNT.....39–40
 BRACKET,INTAKE MOUNT,CUM.....49
 BRACKET,INTAKE TUBE SUPPORT.....49, 53
 BRACKET,MANIFOLD,EXT.Boom.....103, 105
 BRACKET,PLATFORM HEATER OPT.....179
 BRACKET,POWER TO PLAT TBOX,PNT.....191
 BRACKET,PRE-CLEANER MOUNT PNTD.....181
 BRACKET,PRECLEANER MNT B3.3T.....183
 BRACKET,RADIATOR SUPP,LH PAINT.....65
 BRACKET,RADIATOR SUPPORT PNTD.....63
 BRACKET,RETURN FILTER.....35

Part Description Index (continued)

BRACKET,RISER CYL MOUNT PAINTD.....71, 73, 75, 77, 79, 89, 91	CARTRIDGE,VALVE HOUSING.....191	CONN PLUG 2 WAY EXTEND DT.....17
B R A C K E T , R U B B E R	CASTING,SAE 4 PUMP MOUNT,MACHI.....67	CONN PLUG 4 WAY EXTEND DT.....39-40, 71, 73
BUMPER,ENGCOVER.....63	CBV ASSEMBLY***.....33-35	CONN, SAE#4-1/4" NPT.....187-188
BRACKET,SEQ.CABLE -NOVON & TUV.....39- 40	CHAIN,NO.2 (11 LINKS).....203	CONN, SQZ, 1/2NPT .38-.50, SM**..171, 173, 175
BRACKET,V275S WELD LEADS.....191	CHANNEL, MOUNTING.....39-40	CONN,520120-10-8.....151
BRACKET,WELDER COVER,PNTD.....191	CIRCUIT BREAKER, 12.5 AMP.....171, 173, 175	CONN,520120-12-10.....195
BRACKET,WELDER MOUNT SUPPORT.....191	CIRCUIT BREAKER, 30 AMP.....171, 173, 175	CONN,520120-16.....151
BRACKET,WELDER SUPPORT,PNT.....191	CIRCUIT BREAKER, 35A 3PH.....188	CONN,520120-16 LONG.....151
BRACKET,WIPER #1 TO #2.....163	CIRCUIT BREAKER,50A,3P,240V***.....187- 188	CONN,520120-20.....151
BRACKET,WIPER #2 TO #3.....163	CIRCUIT BRKR 15A TYPE 2 METAL.....45	CONN,520120-24.....151
BRACKET,WIPER #3 TO #4 PAINTED.....163	CLAMP ASSY.OPTIONS BLOCK W/NUT.....85, 87, 89, 91, 107	CONN,520120-4***.....147, 149, 151, 155, 199
BRACKET,WIPER BACKING JIB EXT.....165	CLAMP, 3 INCH.....55	CONN,520120-4-6***.....147, 151, 155
BRACKET,WIPER JIB-JIB EXT.....165	CLAMP,0.31,#5 X 1/4,RUB CUSH.....169	CONN,520120-4-8.....195
BRACKET,WIPER PRI-PRI EXT.PTD.....165	CLAMP,0.50,#8 X 1/4,RUB CUSH.....121, 203	CONN,520120-6-4.....151
BRACKET,WORK LIGHT MOUNT 5/16".....159- 160	CLAMP,0.75,#12 X 1/4,RUB CUSH.....123	CONN,520120-8***.....147, 151, 153, 155, 193, 199
BRAKE KIT,RWD 1700TB***.....19	CLAMP,1.00,#16 X 1/4,RUB CUSH.....191	CONN,520120-8-10.....151, 199
BRAKE PORT HARDLINE.....34-35	CLAMP,1.00,#16 X 7/16,RUB CUSH.....55	CONN,520120-8-12.....147, 149, 155
BRAKE TUBING.....33-35	CLAMP,1.13,#18 X 1/4,RUB CUSH.....203	CONN,BULKHEAD,520601-12.....153
BRAKE TUBING***.....33-35	CLAMP,1.25X.5 RUBBER-CUSHION.....117, 160	CONN,BULKHEAD,520601-8.....153
BRCKT,MED.FILTER,TEST PORT.....53, 58	CLAMP,3.0,#48 X 1/4,RUB CUSH.....47, 49, 65, 67	CONN, LONG,520122-12***.....193
BREATHER PIPE, TD 2011L04I.....55	CLAMP,5.38,#86 X 3/8,RUB CUSH.....181, 183	CONN,PLUG 120 AC/15A DOMESTIC.....171, 173, 175
BREATHER,RESERVOIR 3 MICRON***.....34- 35	CLAMP,CABLE STRAIN RELIEF.....115	CONN,PLUG 4 WAY,12-14GA.....171, 173, 175
BRKT,MED & RETURN FILTER,PTD.....33-35	CLAMP,CONST TRQ 2.25"-3.13"OD.....49	CONN,RECEP 12 WAY,GRY FLANGE.....187- 188
BRUSH 3/8 X 1/4 X 15/16(36928).....197	CLAMP,CONST TRQ 2.75"-3.63"OD.....49	CONN,RECEP 120AC/15A DOMESTIC.....171, 173, 175
BULB,WORKLIGHT,12V 35W.....159-160	CLAMP,DRIVE CHASSIS HOSE.....25	CONN,RECEP 2 WAY ENDCAP DT.....39-40, 97, 107
BUMPER, PLASTIC, 1.25 O.D.....203	CLAMP,HOSE,1.25***.....167	CONN,RECEP 3 WAY ENDCAP DT.....21
BUMPER,BATTERY BOX & RAILS.....159-160	CLAMP,HOSE,1.75.....47, 167	CONN,RECEP 4 WAY ENDCAP DT.....23, 39- 40, 71, 73, 93, 95
BUMPER,RUBBER***.....169	CLAMP,HOSE,2.00***.....67, 167	CONN,RECEP 4 WAY,12-14GA.....47, 57-58, 65, 67
BUMPER,RUBBER,.75 X .50H,STUD.....207	CLAMP,HOSE,3.00".....167, 181, 183	CONN,RECEP 4 WAY,12-14GA FL***.....37
BUMPER,RUBBER,COVERS.....29, 31, 34-35, 51, 53, 57-58, 61, 63	CLAMP,HOSE,3.50.....47, 55, 67, 167, 181, 183	CONN,SQZ,BLK,1/2NPT,.38-.50,SM.....117
BUMPER,RUBBER-1 X 1.25.....23	CLAMP,HOSE,5.00.....167, 183	CONN. SQZ,1/2NPT .39-.56 MED.....34-35, 171, 173, 175, 187-188
BUTTON,PUSH,BLACK W/SEAL ***.....123	CLAMP,HOSE,6.50.....167	CONNECTOR, DEUTZ FUEL SHUTOFF*.....58
BUTTON,PUSH,RED MUSHROOM	CLAMP,HOSE,8.50 DIA***.....167	CONNECTOR,070120-4-8.....195
HEAD.....37, 119, 123	CLAMP,HOSE,CENTER.....39-40	CONNECTOR,MATING,SX MODULE.....188
	CLAMP,HOSE,ELEVATE.....39-40	CONTACT,N.O.***.....37
	CLAMP,HOSE,TANK SIDE.....39-40	CONTACT,NC.....37, 119
	CLAMP,LINK,LH WELD WIRE.....29	CONTROL BOX ASSY,PCON.....119
	CLAMP,MUFFLER, 2.50 INCH.....53, 55, 61, 63	CONTROL BOX ASSY,TCON.....37
	CLAMP,MUFFLER,2 1/4" ID.....63	CONTROL BOX COVER ASSY***.....159-160
	CLAMP,MUFFLER,CUM B3.3T.....49	CONTROL BOX COVER,LID,PTD.....159-160
	CLAMP,PRIMARY.....101	COOLANT,RECOVERY BOTTLE, 4 QT*.....31
	CLAMP,RISER CABLE TRACK,INSIDE.....87	COUNTERWEIGHT,CAST,775 LBS LH.....27
	CLAMP,RISER CABLE,OUTSIDE.....85, 87	COUNTERWEIGHT,CAST,775 LBS RH.....27
	CLAMP-HEAVY DUTY.....47	COUPLER,15 TOOTH,FBA,CUM B3.3T.....49
	CLEVIS PIN 0.5" X 1.5".....201	COUPLER,15 TOOTH,FBA,SAE8***.....55, 67
	CLEVIS YOKE-1/4-28,PLTD W/PIN.....57-58, 67	COUPLER,HUB,15 TOOTH 7/16BOLT*.....55
	CLIP,LCD,GRND.CONTROL.....37	COUPLER,INSERT.....187-188, 195
	COIL,12V (D08, 16 WATT).....131	COUPLING (106113).....187-188
	COIL,12V (D10, 16 WATT).....131, 135, 137	COUPLING, 28MM (106113).....187-188
	COIL,12V DEUTSCH.....135, 137	COVER ASSY W/SYM DEC,ENG SIDE.....29
	COIL,12V, DEUTSCH.....135, 137	COVER ASSY W/SYM DEC,TANK SIDE.....27
	COIL,12VDC #10DTSCH IP69 ECOIL.....133	COVER ASSY W/WRD DEC,ENG SIDE.....29
	COIL,12VDC #8 DTSCH IP69 ECOIL.....133, 145	COVER ASSY W/WRD DEC,TANK SIDE.....27
	COIL,12VDC #8 DTSCH W/O DIODE.....133, 145	COVER SUPPORT,WELDMENT.....27, 29
	COIL,VALVE,PROPORTIONAL***.....139, 141	COVER, FOOT SWITCH, LARGE.....117
	COIL-10V DC***.....187-188	COVER, JBOX, BREAKER RETRO, W/O 110V GFI.....187-188
	COLD START PKG, 110V, DEUTZ.....185	COVER,AXLE,LF,RR PAINTED.....23
	COLD START PKG,110V,CUM.B3.3T.....185	COVER,AXLE,RF,LR PAINTED.....23, 25
	COLD START PKG,110V,PERK.804T.....185	
	COLLAR,JOYSTICK,CENTER.....125	
	COLUMN,WHEEL DRIVE(107722).....19	

C

CABLE ASSY NEG 2GA BLACK AUX#1.....34- 35
CABLE ASSY NEG 2GA BLACK AUX#2.....34- 35
CABLE ASSY,AUX BATT JUMPER,RED.....34- 35
CABLE ASSY,GND,BAT1 TO BAT2.....34-35
CABLE ASSY,THROTTLE.....47
CABLE ASSY,THROTTLE,CUM B3.3T.....49
CABLE SQUEEZE CONN.....187-188
CABLE STAY.....85, 87, 89, 91, 97
CABLE STAY,BOTTOM.....107
CABLE STAY,TOP.....85, 87, 107
CABLE TIE,28".....185
CABLE TIE,7 3/8".....67
CABLE TIE,BLACK,36".....185
CABLE TRACK GUIDE TRIANGLE.....97
CABLE TRACK,STEEL 11 LINKS.....89, 91
CABLE TRACK,STEEL 15 LINKS.....107
CABLE TRACK,STEEL 27 LINKS.....97
CABLE TRACK,STEEL 57 LINKS.....83
CABLE TRACK,STEEL 57 LINKS***.....83
CAP,DIAGNOSTIC NIPPLE.....147, 149, 151, 155
CAP,FUEL,DIESEL,1/8"VENT(GRN).....29
CAP,MANUAL DISENGAGE (89212).....19
CAP,RADIATOR,PERKINS/FORD.....47, 51, 53, 61, 63

COVER,BATTERY BOX***.....34-35
 COVER,BLANK.....117, 171, 173, 175
 COVER,BOOM SIDE***.....71, 73
 COVER,CABLE TRACK,11 LINK.....165
 COVER,CABLE TRACK,15 LINK.....165
 COVER,CABLE TRACK,27 LINK.....165
 COVER,CONTROL BOX LEFT SIDE***.....159-160
 COVER,CONTROL BOX LID.....159-160
 COVER,CONTROL BOX RIGHT SIDE**.....159-160
 COVER,FLYWHEEL CASTING.....49, 55
 COVER,FOOT SWITCH.....117
 COVER,GFCI,HORIZONTAL,WEATHER..171, 173, 175, 187-188
 COVER,GFCI,WEATHERPROOF.....117
 COVER,HOSE & CABLE, 100 INCH.....89, 91
 COVER,HOSE & CABLE, 70 INCH.....103, 105
 COVER,HOSES & CABLES.....153
 COVER,PRIMARY BOOM,PAINTED.....93, 95
 COVER,PROTECTIVE,STEER CYL***.....167
 COVER,RELAY.....31
 COVER,RISER SIDE HOLES.....163
 COVER,SECONDARY RISER.....79
 COVER,STEERING SENSOR.....21, 23
 COVER,TOP,PRIMARY EXT. PAINTED.....101
 COVER,TURNTABLE COVER ACCESS.....27
 COVER,TURNTABLE,LEFT SIDE.....27
 COVER,TURNTABLE,RIGHT SIDE.....29
 COVER,WEATHERPROOF 3-PHASE.....191
 CROSS BAR,ALUM,WITH HOLES.....83
 CROSS BAR,ALUM,WITH PEM NUTS.....83
 CUP HOLDER,PLASTIC.....117
 CUTTING DISC-3".....173
 CVR,MANIFOLD BOX W/SYM DECALS.....23
 CVR,MANIFOLD BOX W/WORD DECALS...23
 CYLINDER,AXLE EXTENSION Z135.....17
 CYLINDER,BELLCRANK LEVELING.....103, 105
 CYLINDER,JIB EXTENSION.....109
 CYLINDER,LIFT,JIB BOOM.....103, 105
 CYLINDER,PLATFORM LEVELING.....109
 CYLINDER,PLATFORM LEVELING***.....109
 CYLINDER,PRIMARY BOOM EXTEND.....99
 CYLINDER,PRIMARY BOOM LIFT.....89, 91
 CYLINDER,SECONDARY EXTEND #1.....81
 CYLINDER,SECONDARY EXTEND #2.....81
 CYLINDER,SECONDARY EXTEND #3.....81
 CYLINDER,SECONDARY LIFT***.....43
 CYLINDER,STEER Z135.....17

D

DECAL KIT - SYMBOL,Z135.....15
 DECAL KIT - WORD, Z135.....11-12
 DECAL PLATE W/SYMBOL DECALS.....117
 DECAL PLATE W/WORD DECALS.....117
 DECAL, INSTRUCTION, OPS.....12, 15
 DECAL, PCON, TOG SW, Z135.....11-12, 15
 DECAL, POWER TO PLATFORM 230V**.....11-12, 15
 DECAL, PROTECTIVE COVER, Z135 PBOX.....11-12, 15
 DECAL, SERVICE RECOVERY SWITCH...11-12
 DECAL, SYMBOL - READ THE MANUAL.....15
 DECAL,ARROW BLUE.....11-12, 15
 DECAL,ARROW YELLOW LRG 9".....11-12, 15
 DECAL,CAUTION,AUX BATTERIES.....11-12

DECAL,CAUTION,COLLISION HAZ.....11-12
 DECAL,CAUTION,NO STEP.....11-12
 DECAL,CAUTION,NO STEP***.....15
 DECAL,CAUTION,SHUTOFF VALVES**.....15
 DECAL,CONTROL PANEL PROT 82281.....11-12, 15
 DECAL,COSMETIC,GENIE Z-135.....11-12, 15
 DECAL,COSMETIC,GENIE Z-135/70.....11-12, 15
 DECAL,COSMETIC,Z-135 CHASSIS.....11-12, 15
 DECAL,CUMMINS ENG SPECS.....11-12
 DECAL,DANGER DO NOT ALTER SWTC.....11-12
 DECAL,DANGER,ELEC.HAZ.STAY CLR.....11-12, 15
 DECAL,DANGER,GEN SAFETY RULES.....11-12
 DECAL,DANGER,HIGH VOLTAGE.....187-188, 191
 DECAL,DANGER,MAX LOAD 600 LBS.....15
 DECAL,DANGER,MAX SIDE FRC,667N.....15
 DECAL,DANGER,NO SMOKING ***.....11-12, 15
 DECAL,DANGER,SIDE FRC 400N.....15
 DECAL,DANGER,TILT ALARM.....11-12
 DECAL,DANGER,TIP-OVER.....11-12
 DECAL,DANGER,TIP-OVER,WELDER**.....12
 DECAL,DANGER/NOTICE,TIRE SPECS.....11-12
 DECAL,DRIVE ENABLE PATCH.....15
 DECAL,ENGINE SPEC,DEUTZ,TD2011.....11-12
 DECAL,ENGINE SPEC,PERKINS,804T.....11-12
 DECAL,EXPLOSION HAZARD.....11-12
 DECAL,FIRE EXTINGUISHER.....12
 DECAL,GROUND CONTROL PANEL.....11-12, 15
 DECAL,GROUND CONTROL,Z135.....11-12
 DECAL,INST,OPER,INST,Z135,AUS.....11-12
 DECAL,INSTR,MAX SIDE FRC,ANSI.....11-12
 DECAL,INSTR,SIDE FRC/WIND,AUS.....11-12
 DECAL,INSTRUCT,FOOTSWITCH OPER.....11-12
 DECAL,LABEL,AIR LINE 110 PSI.....11-12, 15
 DECAL,LABEL,DIESEL FUEL.....11-12, 15
 DECAL,LABEL,FUSE RELAY PANEL.....11-12
 DECAL,LABEL,LOWER MIDRAIL.....15
 DECAL,LABEL,MANUAL NOT HERE.....11-12
 DECAL,LABEL,OIL LEVEL IND.....11-12, 15
 DECAL,LABEL,READ THE SERV MAN*.....37
 DECAL,LABEL,WELD LINE INST,SYM.....15
 DECAL,LABEL,WHEEL LOAD Z135.....11-12, 15
 DECAL,LANYARD ANCHORAGE POINT...11-12, 15, 207
 DECAL,LOW/ULTRA LOW SULFR FUEL...11-12
 DECAL, MEMBRANE, GROUND CONTROL.....37
 DECAL, MEMBRANE, PLATFORM CONTRO.....119
 DECAL,NOTICE,HAZARDOUS MAT'LS*.....11-12
 DECAL,NOTICE,MAX LOAD 600 LBS.....11-12
 DECAL,NOTICE,OPERATING INST.....11-12
 DECAL,NOTICE,PERKINS ENGINE,T2.....11-12

DECAL,NOTICE,SHUTOFF VALVES.....11-12
 DECAL,NOTICE,START/CONTRL BATT.....11-12
 DECAL,PATCH,DRIVING LIGHT.....11-12, 15
 DECAL,PLATFORM CONTROL PANEL.....11-12, 15, 119
 DECAL,POWER TO PLATFORM 115V.....11-12, 15
 DECAL,SOLID TIRE,445/65D22.5.....11-12
 DECAL,SYMBOL-COMP ACCESS.....15
 DECAL,TRACK,FALL ARREST BAR,SYMBOL.....207
 DECAL,TRACK,FALL ARREST BAR,WORD.....207
 DECAL,TRACK,FALL ARREST BAR,WORD FR.....207
 DECAL,TRIANGLE,BLUE.....11-12, 15
 DECAL,TRIANGLE,YELLOW.....11-12, 15
 DECAL,WARN,CRUSH HAZARD HAND.....11-12
 DECAL,WARN,CRUSH HAZARD PLAT.....11-12, 15
 DECAL,WARN,ELECTRO HAZARD.....11-12
 DECAL,WARN,FALL HAZARD.....11-12
 DECAL,WARN,IMPROPER OPERATION...11-12
 DECAL,WARN.WELD LINE INST.WORD.....11-12
 DECAL,WARNING,CRUSHING HAZARD.....15
 DECAL,WARNING-COMPART ACCESS.....11-12
 DIODE,6 AMP,200 PIV,BULK.....58
 DIPSTICK - DEUTZ F4L1011F.....57-58
 DIPSTICK,CUMMINS, B4.5.....47
 DIPSTICK,PERKINS 1104C-44.....61
 DIPSTICK-F3L1011F (DEUTZ).....57-58
 DRAIN PLUG.....33-35
 DRIVE COUPLING, 13 TOOTH.....195
 DRIVE COUPLING,KEYED.....195

E

E-COIL WASHER,#8,DUAL COIL.....133, 145
 EDC ASSY,SAUER M46***.....157
 ELBOW,070220-4-4.....195
 ELBOW,45 DEG, CAC,2.5".....49
 ELBOW,45 DEG,INLET.....47
 ELBOW,45D,520320-12-16.....151, 193
 ELBOW,45D,520320-20.....151
 ELBOW,45D,520320-4.....155
 ELBOW,45D,520320-6.....149
 ELBOW,45D,520320-8.....149, 151, 153, 155
 ELBOW,90D,520220-4-4.....151, 155
 ELBOW,90D,520220-4-6***.....147, 149
 ELBOW,90D,520220-8-12.....155, 193
 ELBOW,90D,LONG,521520-4.....155
 ELBOW,90DEG,1/4MPT-3/8 BARB.....63
 ELBOW,90DEG,1/8MPT-5/16 BARB.....63
 ELBOW,AIR INTAKE,RUBBER.....55
 ELBOW,INLET,CUMMINS.....49, 65, 67
 ELBOW,SWIVEL NUT 90DEG,-4.....195
 ELEMENT,OIL FILTER,PERKINS***.....67
 ELEMENT-5 MIC, PAPER, W/BYPASS.....51, 53, 57-58, 61
 ENCLOSURE,FG ELEC.,STOCK,7X5X4..171, 173, 175
 END STOP,TRACK,FALL ARREST BAR.....207
 ENGINE KIT, CUMMINS B3.3T.....53
 ENGINE MOUNT, LR.....67
 ENGINE MOUNT, LF.....67

Part Description Index (continued)

ENGINE MOUNT, RR.....63
 ENGINE TRAY ASSEMBLY.....47
 ENGINE,DEUTZ, TD2011L04i TPME.....55
 EVACUATOR VALVE-AIR CLEANER.....47, 57-58, 65, 67
 EXHAUST PIPE GASKET.....55

F

FAN - VENTED.....34-35
 FAN GUARD,PERKINS.....61
 FAN, 19.0", BREEZA.....53
 FAN,PULLER,CUMMINS,4B3.9,60213.....51
 FAN,PULLER,PERKINS,1004-42.....61, 63
 FEMALE BULKHEAD CONNECTOR-8.....177
 FIELD KIT,LCD HEATER.....37
 FILLER NECK/CAP ASSY.HYD TANK*.....34-35
 FILTER / FUEL / SPIN-ON.....57-58
 FILTER ASSY,HIGH PRESS SAE-12*.....33-35, 101
 FILTER ASSY,SAE 12 NO INDICAT*.....33-35
 FILTER ASY,M PRESS,SAE8,WOIND* (77139).....51, 53, 57-58, 61
 FILTER ELEMENT, 10 MICRON.....33-35
 FILTER ELEMENT,10 MICRON.....33-35
 FILTER HEAD (29560).....57-58
 FILTER,AIR CLEANER, SUPERBOOM.....47, 57-58, 65, 67
 FILTER,ELEMENT,30 MIC,75020.....61
 FILTER,ELEMENT,BETA(10)=1000.....34-35
 FILTER,ELEMENT,BETA(5)=1000.....33-35, 51, 53, 57-58, 61
 FILTER,FUEL, PERKINS 1104C.....65
 FILTER,FUEL,LSG-423, IN-LINE.....47
 FILTER,OIL,CUMMINS B4.5***.....51
 FILTER,OIL,DEUTZ F4L1011F.....57-58
 FILTER,OIL,DEUTZ,REPLACEMENT.....57-58
 FILTER,OIL,PERKINS 1104C-44.....61
 FILTER,RETURN,10 MICRON,PAPER.....34-35
 FITTING,CONN,520120-12***.....149, 151, 153, 193, 199
 FITTING,CONN,520120-6.....149, 151, 153, 155
 FITTING,CONN,520120-8-6.....153
 FITTING,ELBOW,45D,520320-12***.....147, 151, 153, 193
 FITTING,ELBOW,45D,520320-4-6**.....151
 FITTING,ELBOW,90D,520220-12.....151, 153
 FITTING,ELBOW,90D,520220-8***.....151, 199
 FITTING,ORIFICE,.047.....187-188, 195
 FITTING,REDUCER,520123-12-8***.....147, 149, 199
 FITTING,TEE,RUN,SWIVEL520432-4.....151
 FITTING,TEE,RUN,SWIVEL520432-8.....199
 FITTING,TEE,RUN,SWIVEL52043212.....193, 199
 FIXED END, BRACKET KIT.....83
 FLEX PIPE,EXHAUST,2.5" DIA.....55
 FLOORING, 6'FT PLATFORM.....117
 FLOORING,8 FT PLATFORM**.....117
 FLYWHEEL FLANGE,GREEN PLASTIC.....55
 FOAM PAD, 3" OD X 1.25" ID,STR.....160
 FORMING, BELT GUARD.....63
 FORMING, ENGINE BAFFLE.....67
 FORMING, FAN BAFFLE.....63
 FORMING, FILTER BRACKET.....101
 FORMING, FILTER SUPPORT.....63, 67
 FORMING, GEN MANIFOLD MOUNT.....197
 FORMING, HYD. GEN. MOUNT.....197

FORMING, INTAKE DUCT.....67
 FORMING, INTAKE TUBE MNT.....67, 183
 FORMING, ROLLER #2, PAINTED.....75
 FORMING, ROLLER #3, PAINTED.....77
 FORMING, SOLENOID MOUNT***.....58
 FORMING,8.5' MUFFLER MOUNT.....55, 63
 FORMING,AIR CLEANER.....49
 FORMING,AIR CLEANER MOUNT PNTD.....55
 FORMING,BAFFLE BOX.....53
 FORMING,BATTERY BOX,MOUNT.....34-35
 FORMING,BCRANK ROTATE SW CVR.....103
 FORMING,BOX,MANIFOLD PAINTED.....23
 FORMING,BRACKET,SENSOR.....23
 FORMING,CABLE GUIDE,PRIMARY.....101
 FORMING,CLAMP HOLD DOWN PAINTD.....39-40
 FORMING,COVER MOUNT,AXLE PAINT.....21
 FORMING,COVER STOP.....29, 57-58, 61
 FORMING,COVER STOP**.....34-35
 FORMING,COVER STOP***.....29, 31, 34-35, 51, 53
 FORMING,DCON MOUNT.....25
 FORMING,DOOR STOP.....23
 FORMING,ENGINE BAFFLE.....53
 FORMING,ENGINE MOUNT***.....55
 FORMING,FUEL FILTER MOUNT.....53
 FORMING,FUEL FILTER MOUNT,PNTD.....51
 FORMING,FUSE COVER.....31
 FORMING,GAS STRUT MOUNT,FRNT**.....29
 FORMING,GAS STRUT MOUNT,REAR**.....29
 FORMING,GENERATOR MOUNT,PTD.....171
 FORMING,GUIDE BRACKET,LEFT.....21
 FORMING,GUIDE BRACKET,RIGHT.....21
 FORMING,HEAT SHIELD,MUFFLER.....55
 FORMING,HOSE GUARD.....81
 FORMING,HOSE TRAY,SWING PAINTD.....34-35
 FORMING,INNER COVER.....27
 FORMING,INNER HANGER.....207
 FORMING,J-BOX MOUNT, PAINTED.....187-188
 FORMING,LATCH,CTRL BOX LID PTD.....159-160
 FORMING,LIMIT SWITCH GUARD PNT.....17
 FORMING,LIMIT SWITCH MOUNT.....97
 FORMING,MANIFOLD MOUNT.....23, 25
 FORMING,MANIFOLD MOUNT PAINTED.....187-188
 FORMING,MOUNT,ENGINE,FRONT.....53
 FORMING,MOUNT,ENGINE,REAR.....53
 FORMING,MUFFLER MOUNT.....55
 FORMING,PINION GUARD.....34-35
 FORMING,REAR COVER.....27
 FORMING,RETURN FILTER,PAINTED.....35
 FORMING,RISER EXT L/S RAMP,PTD.....79
 FORMING,SOLENOID MOUNT.....49
 FORMING,SOLENOID MOUNT PAINTED.....58
 FORMING, SWING CHASSIS BULKHEAD.....34-35
 FORMING,SWING COVER,LOWER PNTD.....27
 FORMING,SWING COVER,TOP PAINTD.....27
 FORMING,THROTTLE ARM PAINTED.....57-58
 FORMING,WELD GEN.MOUNT PAINTED.....187-188
 FREEZE PLUG HEATER.....185
 FREEZE PLUG HEATER,PERKINS 804.....185
 FUEL FILTER.....53
 FUEL LIFT PUMP/FILTER ASSY.....63

FUSE,.6AMP,250V,WELDER,V275S.....191
 FUSE,13 AMP,220V PLUG.....171, 173, 175
 FUSE,20 AMP,MAXI.....31
 FUSE,30 AMP.....31
 FUSE,60 AMP,MAXI.....31

G

GAS STRUT,202 LBS FORCE.....27, 29
 GASKET, (226127).....67
 GASKET,BREATHER PIPE (226104).....55
 GASKET,COVER,GFCI,WEATHERPROOF.117, 171, 173, 175
 GASKET,GROUND CONTROL BOX.....37
 GASKET,MUFFLER,CUMMINS, B3.9L.....47
 GASKET,PLATFORM CONTROL BOX.....121, 123
 GASKET-PUMP WATE,PERK 1104C-44.....65
 GASKET-PUMP WATE,PERK 804D-33T.....67
 GATE LATCH CASTING--DRILLED.....159-160
 GAUGE,MED.PRESSUR FILTER,50530.....35
 GAUGE-SIGHT,LHA-LGTB***.....34-35
 GBOX LID W/DECAL,Z135.....37
 GEN,HYD,3000W,110V,60HZ.....197
 GENERATOR,3000W 220/50-DEUTZ.....171
 GENERATOR,3000W 220/50-PERKINS.....175
 GENERATOR,3000W,220V,50HZ***.....171, 173, 175
 GENERATOR,3500W W/REG-CUMMINS.....173
 GENERATOR,3500W W/REG-DEUTZ.....171
 GENERATOR,3500W W/REG-PERKINS.....175
 GENERATOR,3500W,120V,60HZ**.....171, 173, 175
 GENERATOR,HYDRA,25CC,208V.....195
 GENERATOR,HYDRA,25CC,208V***.....187-188
 GENERATOR,HYDRO-12KEP-21-3.....187-188
 GFCI,50A, 3PH.....188
 GFI/CIRCUIT BREAKER ASSEMBLY.....188
 GROMMET,RUBBER .38X1.38X1.0.....103, 105
 GROMMET,RUBBER .75 X .38 X1.13.....29
 GROMMET,RUBBER 3 X .19 X 3.5.....115
 GUARD,FOOTSWITCH,W/DECAL ALUM.....117
 GUIDE,ALUMINUM EXTRUSION.....75, 77
 GUIDE,RISER LINK.....83
 GUSSET,TOOL HOLDER,PLASTIC.....117

H

HALF MESH,8'PLATFORM,LH.....160
 HALF MESH,8'PLATFORM,RH***.....160
 HANDLE,GRAB.....29
 HARN JOYSTICK ADAPTOR JS100.....119, 125
 HARN,LS,PLUNGER,LOAD LIMIT.....169
 HARNESS UPPER LIMIT SWITCH.....45
 HARNESS, CUMMINS B3.3T.....45
 HARNESS, PERKINS ENGINE.....63
 HARNESS,AC/3P PWR TO PLAT,JIB.....45
 HARNESS,AC/3P PWR TO PLAT,PRI.....45
 HARNESS,AC/3P PWR TO PLAT,SEC.....45
 HARNESS,BD GEN.110V/60HZ, Z135.....171, 173, 175
 HARNESS,BD GEN.220V/50HZ, Z135.....171, 173, 175
 HARNESS,DC POWER,PRIMARY.....45
 HARNESS,DC POWER,SECONDARY.....45
 HARNESS,DRIVE CHASSIS.....45
 HARNESS,ENGINE,CUMMINS.....45
 HARNESS,ENGINE,CUMMINS 2005***.....45

Genie
— A TEREX BRAND

Part Description Index (continued)

LOCK,RECEP 4 WAY,12-14GA.....47, 57-58, 65, 67
 LOCK,RECEP 4 WAY,14-18GA.....23, 39-40, 71, 73, 93, 95
 LOCKNUT,ELEC,1/2".....187-188
 LOCKNUT,ELECTRIC,1" NPT.....187-188
 LS ACTUATOR BLOCK SEAL KIT.....17

M

MACH,BELLCRANK ROT SENSOR BRKT.....103
 MACH,PRI.ROTARY SENSOR.....93
 MACH,RISER ROTARY SENSOR BRKT.....71
 MACHINED, ANGLE SENSOR HOLDER.....73, 95, 105
 MACHINED, ANGLE SENSOR RACE.....73, 95, 105
 MACHINED, BELL CR SEN. BASE.....105
 MACHINED, PRIMARY SENSOR BASE.....95
 MACHINED, SECONDARY SEN. BASE.....73
 MACHINED, SENSOR ARM.....73, 95, 105
 MACHINED, SWIVEL ANTI-ROTATION.....39-40
 MACHINED, SWIVEL MOUNTING.....39-40
 MALE PIPE THD,1/4" SER,3/8"X18.....177
 MANIFOLD,DRIVE OIL DIVERter.....187-188
 MANIFOLD,FUNCTION.....135, 137, 139, 141
 MANIFOLD,GENERATOR.....197
 MANIFOLD,JIB.....133
 MANIFOLD,PLATFORM.....145
 MANIFOLD,ROTATOR,CB***.....143
 MANIFOLD,STEER/AXLE.....131
 MANIFOLD,SWING CB & BRAKE.....34-35
 MANIFOLD,TRACTION 4WD.....127, 129
 MANUAL BOX MOUNT W/WORD DECALS.....117
 MANUAL BOX W/DECALS***.....117
 MESH,HALF,SWING GATE***.....160
 MODULE,DCON.....25
 MODULE,SCON,PROGRAMMED.....34-35
 MODULE,SCON,V2.00,SERVICE.....34-35
 MODULE,SX CONTROLLER,LOW AMP.....188
 MODULE,TIME DELAY ON BREAK 4S.....187-188
 MOTOR MOUNT.....195
 MOTOR,HYD 12.5KW GEN,21CC***.....187-188
 MOTOR,HYD,25CC FIXED***.....187-188, 195
 MOTOR,PISTON,2 SPEED,25CC.....19
 MOTOR,PISTON,2 SPEED,45CC.....19
 MOUNT COVER.....195
 MOUNT,1"FLEX-BOLT SANDWICH.....49, 53
 MOUNT,PANEL,PAINTED.....27
 MOUNT,PERKINS 1104 RH PAINTED.....61
 MOUNT,SWITCH.....169
 MOUNTING BAND,AIR CLEANER.....47, 57-58, 65, 67
 MOVING END, BRACKET KIT.....83
 MPT,CPLR,1/4"SER,3/8"X18.....177
 MUFFLER,2.5"INLET/OUTLET.....49, 55, 61, 63
 MUFFLER,CATALYTIC,2.5 I/O.....55, 61
 MUFFLER,NELSON 3.9L.....47

N

NIPPLE,DIAGNOSTIC,#6 PORT***.....147, 149, 151, 155
 NIPPLE,DIAGNOSTIC,ORFS,FM,SWIV.....151

NUT - PLASTIC,RING FOR ALARMS.....37, 119
 NUT HEX M5-0.8 CLASS 8 ZINC.....123
 NUT, LP NYLOCK, 3/8-16.....49, 53, 71, 73, 81, 109
 NUT, TL FLG, 3/8-16, G, ZAG.....101
 NUT,1/4-20,8,ZAG.....205
 NUT,3/8-16,8,ZAG.....205
 NUT,COIL (107745).....135, 137
 NUT,COIL (107746).....135, 137
 NUT,HEX M10-1.5.....175
 NUT,HEX,5/16-18,GR5.....115, 187-188
 NUT,HEX,6/32 W/STAR WASHER.....121
 NUT,HEX,7/16-14.....171
 NUT,HEX,M8 X 1.25.....63
 NUT,HEX,M8,PLASTIC.....203
 NUT,LP NYLOCK,1/2-13.....25
 NUT,LP NYLOCK,1/4-20.....93, 159-160, 188, 203
 NUT,LUG,3/4-16 X 7/8 RADIUS.....17, 19
 NUT,NYLOCK FLG,3/8-16,F,ZAG.....207
 NUT,NYLOCK,1-8.....27, 115
 NUT,NYLOCK,1/2-13.....27, 39-40, 89, 187-188, 197
 NUT,NYLOCK,1/4-20.....21, 23, 25, 27, 29, 31, 34-35, 49, 51, 57-58, 67, 71, 73, 81, 85, 87, 89, 91, 95, 97, 101, 103, 105, 107, 115, 117, 121, 169, 181, 183, 187-188, 203
 NUT,NYLOCK,10-24.....169
 NUT,NYLOCK,10-32.....23, 27, 29, 31, 37, 39-40, 71, 73, 83, 93, 97, 103, 107, 117, 171, 173, 175, 188
 NUT,NYLOCK,3/8-16.....23, 25, 29, 33-35, 39-40, 47, 49, 51, 53, 55, 57-58, 61, 63, 65, 71, 73, 75, 77, 79, 81, 85, 87, 89, 91, 97, 101, 103, 105, 107, 109, 113, 117, 169, 171, 173, 175, 177, 187-188, 191, 197, 201, 203
 NUT,NYLOCK,5/16-18.....23, 34-35, 51, 53, 173, 175, 187-188, 191
 NUT,NYLOCK,5/8-11.....47, 49, 51, 53, 55, 57-58, 61, 63, 65, 67
 NUT,NYLOCK,6-32.....37, 123, 187-188
 NUT,SOLENOID.....187-188
 NUT,SOLENOID VALVE 2P3W.....131, 135, 137, 141
 NUT,SOLENOID VALVE COIL.....131
 NUT,TL FLG,1/2-13,G,ZAG.....207
 NUT,TL FLG,1/4-20,G,ZAG.....115
 NUT,TOP LOCK,1/2-13.....55, 63
 NUT-COIL SHORT.....133, 145
 NUTSERT,1/4-20,STEEL CAD PLTD.....121

O

O-RING, M16, ISO.....63
 O-RING, ROTATOR MANIFOLD.....143
 O-RING, WHEEL COVER (237233).....19
 O-RING,2-044 BUNA***.....157
 O-RING,FILTER ASSY (60334)***.....33-35
 O-RING,MOTOR/BRAKE (88921)***.....34-35
 O-RING,MOTOR/BRAKE***.....33-35
 O-RING,ORFS,-10.....139, 141
 O-RING,SEAL RING,1" NPT (PKG OF 10).....63
 O-RING,SPACER #115***.....197
 OIL COOLER W/FAN, 12VDC.....34-35
 OIL FILTER.....53
 OIL PAN HEATER,DEUTZ,120V,150W.....185
 OPT,DIESEL SCRUBBER CUMMINS.....47
 OPT,PRECLEANER CUMMINS B3.3T.....183
 OPT,PRECLEANER PERKINS 804T.....183
 OPTION,PRECLEANER CUMMINS.....47

OPTION,PRECLEANER PERKINS.....65, 181
 ORIFICE DISC,.030,CONE.....187-188
 ORIFICE DISC,.040".....133
 ORIFICE PLUG, 0.052 INCH.....129
 ORIFICE PLUG, 0.063 INCH.....129
 OUTLET, 110V.....117, 171, 173, 175

P

PAD,REST,1"THICK,FLANGED.....159-160
 PADDING,FOAM 3.5"OD X 1.50"ID.....203
 PADDING,FOAM,3.0"X1.50ID 90DEG.....203
 PANEL, ENCLOSURE, LINCO WELDER.....187-188
 PCB, LED/TOGGLE SWITCH, ALC100.....123
 PCB,ASSY,ECM,GROUND,PGMD.....37
 PCB,ASSY,ECM,PLATFORM,V307.....121
 PCB,MEMBRANE/LED,SB/Z80.....121
 PCB,ASSY,LCD,GROUND.....37
 PIN,0.75DIA X 5.75LG,CHAMFER.....169
 PIN,1.25DIA X 15.63LG,CHAMFER.....29
 PIN,1.25DIA X 5.25LG,1HOLE.....109, 113
 PIN,1.25DIA X 6.36LG,2RING.....109
 PIN,1.25DIA X 7.88LG,1HOLE.....113
 PIN,1.25DIA X 8.26LG,2RING.....101
 PIN,1.25DIA X 8.30LG,2RING.....109
 PIN,1.50DIA X 11.00LG,1HOLE.....21
 PIN,1.50DIA X 17.06LG,2RING.....103, 105
 PIN,1.50DIA X 4.13LG,THREADED.....21
 PIN,1.50DIA X 9.13LG,1HOLE.....103, 105
 PIN,1.75DIA X 5.25LG,1HOLE.....21
 PIN,2.00DIA X 17.06LG,2HOLE.....103, 105
 PIN,2.00DIA X 8.77LG,2RING.....101
 PIN,2.25 DIA X 5.10LG,THREADED.....93, 95
 PIN,2.25DIA X 12.50LG,1HOLE.....17
 PIN,2.25DIA X 5.63LG,1HOLE.....17
 PIN,2.50DIA X 18.68LG,2RING.....91
 PIN,2.50DIA X 19.00LG,1HOLE.....89
 PIN,2.50DIA X 19.56LG,2HOLE.....89, 91
 PIN,2.50DIA X 25.00LG,1HOLE.....43
 PIN,2.50DIA X 7.88LG,1HOLE.....25
 PIN,3.00DIA X 11.50LG,1HOLE.....89, 91
 PIN,3.25DIA X 19.00LG,2RING.....89, 91
 PIN,AXLE KING.....21
 PIN,CLEVIS,1X2.250,ZAG.....201
 PIN,COTTER,.156 X 1 Z.....201
 PIN,COTTER,.156 X 1.75.....201
 PIN,COTTER,.156 X 2.5.....97, 101, 107
 PIN,LOCK,SHORT***.....159-160
 PIN,SECONDARY LIFT.....43
 PIN,TRANSPORT STORAGE HANDLE.....43
 PIN,TRANSPORT STORAGE LOCK.....43
 PINCH GUARD RAIL,8' PLATFORM**.....159-160
 PIPE CRADLE ASSY. SERV (ONE)**.....160
 PIPE,TAIL.....63
 PISTON, PILOT OPERATED CHECK.....131
 PLAT ASSY, 8"TRI, ANSI W/SYM.....159-160
 PLAT ASSY, 8"TRI, ANSI W/WORD.....159-160
 PLAT ASSY, 8"TRI, AUS W/WORD.....159-160
 PLAT ASSY, 8"TRI, CE W/SYM.....159-160
 PLAT RAIL ASSY, 6FT ASIA/S.AM.....117
 PLAT RAIL ASSY, 6FT AUSTRALIA.....117
 PLAT RAIL ASSY, 8FT ASIA/S.AM.....117
 PLAT RAIL ASSY, 8FT AUSTRALIA.....117
 PLATE, PIN RETAINER, PAINTED.....25, 89
 PLATE, SOLENOID MOUNT.....67
 PLATE,BLOCK SADDLE CAP PNNTD.....99
 PLATE,CABLE TRACK COVER.....107
 PLATE,CABLE TRACK MOUNT.....107

PLATE,COVER LATCH BACKING.....29
 PLATE,HOSE CLAMP.....39-40
 PLATE,HOSE GUARD CLAMP.....81
 PLATE,HOSE GUIDE.....81
 PLATE,PLAT.CONTROL BOX SPACER.....117
 PLATE,PUMP MOUNT.....65
 PLATE,REINF.CLAMP STACK,PTD.....97, 107
 PLATE,RELAY MOUNT.....31
 PLATE,RETAINER PIN.....43
 PLATE,THROTTLE ACTUATOR MOUNT.....65
 PLATE,WEARPAD MOUNT.....71, 73, 75, 77
 PLATE,WEARPAD MOUNT,LH.....75, 77, 79
 PLATE,WIPER BACKING #1 TO #2.....163
 PLATE,WIPER BACKING #2 TO #3.....163
 PLATE,WIPER BACKING #3TO#4 PTD.....163
 PLATE,WIPER BACKING PRI.EXT.P.....165
 PLATFM ASSY COMP,6FT,ASIA/S.AM.....117
 PLATFM ASSY COMP,6FT,AUSTRALIA.....117
 PLATFM ASSY COMP,8FT,ASIA/S.AM.....117
 PLATFM ASSY COMP,8FT,AUSTRALIA.....117
 PLATFORM ASSY COMP,6FT ANSI.....117
 PLATFORM ASSY COMP,6FT, CE/UK.....117
 PLATFORM ASSY COMP,8FT,ANSI.....117
 PLATFORM ASSY COMP,8FT,CE/UK.....117
 PLATFORM RAIL ASSY, 6FT ANSI.....117
 PLATFORM RAIL ASSY, 6FT CE/UK.....117
 PLATFORM RAIL ASSY, 8FT ANSI.....117
 PLATFORM RAIL ASSY, 8FT CE/UK.....117
P L A T F O R M S U P P O R T
 WELDMNT-SERV*.....115
 PLATFORM WORKLIGHTS,110V,150W...159-160
 PLUG, SANTOPRENE .5 BLACK DOME.....123
 PLUG, TYPE F, 230A, 50HZ, 16A, IP44.....171, 173, 175
 PLUG,4-WIRE,3-PHASE,50A,MALE.....191
 PLUG,FUSED,250V,13AMP,U.K.**.....171, 173, 175
 PLUG,HEX SOCKET,090109B-12.....199
 PLUG,MAGNETIC,SAE-6***.....34-35
 PLUG,NYLON .50 BLACK DOMED.....119
 PLUG,NYLON 1.187 BLACK DOMED.....159-160
 PLUG,NYLON 2.50 BLACK DOMED.....99
 PLUG,PWR,UK,16AMP,3PIN,BLK.....171, 173, 175
 PLUG,SEAL,12-18 GA.....23, 47, 57-58, 65, 67, 171, 173, 175
 PLUG-ORIFICE 0.031 INCH.....129
 POTENTIOMETER ASSY, WELDER.....188
 POWER UNIT,AUX PUMP 12 VDC.....34-35
 PRECLEANER,AIR INTAKE.....181, 183
 PRECLEANER,INLINE 3".....181, 183
 PRIMARY BOOM COVER W/DECAL.....93
P U L L E Y , A L T E R N A T O R , D E U T Z
 BF4L2011.....57-58
 PULLY, GNRTR,220V,50HZ(89908).....171, 173, 175
 PULLY,GNRTR,120V,60HZ(60707).....171, 173, 175
 PUMP ASSY,AUX.POWER UNIT 89617.....34-35
 PUMP, WATER,PERKINS 1104C-44.....65
 PUMP,FUEL 2011 DEUTZ ***.....57-58
 PUMP,FUEL INJ,DEUTZ BF4L20.....55
 PUMP,LIFT,PISTON,45CC.....157
 PUMP,PISTON,46CC,B MOUNT,13T**.....157
 PUMP,WATER,PERKINS 804D-33T.....67

R

RADIATOR.....47, 51, 61
 RADIATOR HOSE,LOWER-CUMMINS.....51
 RADIATOR HOSE,LOWER-PERKINS.....65
 RADIATOR HOSE,UPPER-CUMMINS.....47, 51
 RADIATOR HOSE,UPPER-PERKINS.....65
 RADIATOR STRUT,LEFT.....47, 49
 RADIATOR STRUT,RIGHT.....51, 53
 RADIATOR,FORD/PERKINS***.....63
 RAILING CATCH CASTING--DRILLED.....159-160
 RECEPACLE, 120VAC, 20A, GFCL.....187-188
 RECEPCL,LOCK 3-PH,50A,4 WIRE.....191
 REDUCER,45 DEG, 3.75"-3.00".....49
 REDUCER,520123-16-8.....151
 REDUCER,520123-8-4.....199
 REDUCER,90 DEG,CAC, 3.0"-2.5".....49
 REDUCER,90DEG,4.0 X 3.0.....183
 REDUCER,RUBBER,4.0 X 3.0.....49, 183
 Ref Traction Manifold (refer to 701.1).....25
 Refer to 605.1.....119
 RELAY MODULE(89996,89998).....31
 RELAY,12VDC,70AMP,SEALED.....31
 RELAY,OMRON,DPDT,12V.....187-188
 RELAY,SEALED 30/40 AMP.....171, 173, 175
 RELAY,SOCKET,OMRON.....187-188
 RELAY,SPDT,12V(AUTO) PLUG IN**.....31
 RESISTOR,10 OHM,25 WATT.....179
 REST PAD,RISER #1.....71, 73
 REST PAD,UPPER PIVOT Z30N.....109
 RETAINER,SPRING,1.46 X .375.....169
 RETAINER-N.C.PROPOR.SOLENOID.....135, 137, 139, 141
 RETAINING RING.....197
 RING,WHEEL DRIVE(107722).....19
 RIVET,ALUM,P.188 X .25.....97
 RIVET,STL,STL,P.125 X .25.....179
 ROCKER ASSY,MAGNETIC 75565.....125
 ROCKER,RETAINER, 75565.....125
 ROD END,.250 X 2.75 LG.....169
 ROD END,.375 X 2.25,ZAG.....21, 109, 113
 ROD END,.375X3.69,ZAG.....21, 29, 89, 91, 103, 105, 113
 ROD END,.5 X 3.75,ZAG.....17, 21, 43, 93
 ROD END,.75 X 5.00.....89, 91
 ROLLER, NYLON.....75, 77, 79
 ROLLER,ALUM TUBE,ST.TRK***.....97
 ROLLER,POLY,STEEL TRACK***.....97
 ROTATOR,ELECT,10 CONT***.....39-40
 ROTATOR,NON-JIB.....113
 RUBBER SLEEVES, TD 2011L041.....55

S

SCREW PH M5-0.8X20 DIN 7500CE.....119
 SCREW T-SWITCH PH/PH 6-32X1/4.....119
 SCREW, HCC, 3/8-16 X 1.50.....29, 39-40, 51, 53, 55, 57-58, 61, 63, 71, 73, 75, 79, 81, 87, 89, 91, 103, 105, 109, 171, 197
 SCREW, HHC, 1/4-20 X .5.....19, 23
 SCREW, PHM, #6-32 X .625 ZINC.....125
 SCREW,5/16-18X1.00,SECURITY TO.....191
 SCREW,BHHS,1/4-20 X .5,Y/ZINC.....87
 SCREW,BHHS,3/8-16 X 1.....79
 SCREW,BHSC,1/4-20 X 1.....203
 SCREW,FHM,6-32 X .75.....171, 173, 175

SCREW,FHS,3/8-16 X .625,ZINC.....71, 73, 75, 77
 SCREW,FHS,3/8-16 X 2.25.....71, 73
 SCREW,FHS,M3-0.5X14,DIN7991,10.9,ZAB.73, 95, 105
 SCREW,FHS,M3-0.5X8,DIN7991,10.9,ZAB.73, 95, 105
 SCREW,FHSCS,M4-0.7X14 CL10.9.....73, 95, 105
 SCREW,HHC,1-8 X 11,GRD 5***.....115
 SCREW,HHC,1-8 X 6 GRD.5.....27
 SCREW,HHC,1/2-13 X 1.25 GR5.....17, 21, 25, 93, 95
 SCREW,HHC,1/2-13 X 1.5.....89
 SCREW,HHC,1/2-13 X 1.5 GRD 8.....34-35, 43
 SCREW,HHC,1/2-13 X 1.75.....195
 SCREW,HHC,1/2-13 X 1.75 GRD 8.....19
 SCREW,HHC,1/2-13 X 2 GR5.....27, 43
 SCREW,HHC,1/2-13 X 2.5,GR5.....187-188, 197
 SCREW,HHC,1/2-13 X 3.....39-40
 SCREW,HHC,1/2-13X1.25,8,ZAG.....93
 SCREW,HHC,1/2-13X2.00 GR8.....43
 SCREW,HHC,1/4-20 X .375.....25, 121
 SCREW,HHC,1/4-20 X .625.....21, 51, 53, 113, 117, 119
 SCREW,HHC,1/4-20 X .75.....21, 27, 33-35, 49, 57-58, 63, 67, 89, 91, 103, 117, 159-160, 163, 165, 181, 183, 203
 SCREW,HHC,1/4-20 X 1.....23, 27, 29, 34-35, 37, 47, 49, 51, 57-58, 67, 93, 107, 115, 159-160, 169, 181, 183, 187-188, 203
 SCREW,HHC,1/4-20 X 1.25.....25, 29, 71, 73, 93, 95, 101, 103, 105, 117, 169
 SCREW,HHC,1/4-20 X 1.5.....23, 29, 159-160
 SCREW,HHC,1/4-20 X 1.75.....113
 SCREW,HHC,1/4-20 X 2.....31, 101, 115, 159-160
 SCREW,HHC,1/4-20 X 2.5.....188
 SCREW,HHC,1/4-20 X 2.75.....89, 91, 97, 107
 SCREW,HHC,1/4-20 X 3.....97
 SCREW,HHC,1/4-20 X 3.25.....97
 SCREW,HHC,1/4-20 X 3.75.....71
 SCREW,HHC,1/4-20 X 4.....97
 SCREW,HHC,1/4-20 X 4.5.....101
 SCREW,HHC,1/4-20 X 5.50,G5,CLZ.....85, 87
 SCREW,HHC,1/4-20X1.8,ZAG.....205
 SCREW,HHC,3/4-10 X 2.00,GR5.....89, 91
 SCREW,HHC,3/8-16 X .50 GR.5.....31
 SCREW,HHC,3/8-16 X .625.....97
 SCREW,HHC,3/8-16 X .75.....21, 25, 29, 33-35, 49, 53, 75, 77, 101, 111
 SCREW,HHC,3/8-16 X .75,GR 8.....103, 105
 SCREW,HHC,3/8-16 X .88,GRD 8.....75, 77, 99, 115
 SCREW,HHC,3/8-16 X 1.....27, 29, 33-35, 51, 57-58, 71, 73, 75, 77, 79, 87, 99, 101, 105, 109, 111, 113
 SCREW,HHC,3/8-16 X 1.25 GRD 5.....23, 34-35, 47, 49, 51, 53, 57-58, 61, 63, 71, 73, 75, 77, 79, 85, 89, 91, 97, 103, 105, 107, 117, 171, 173, 175, 197
 SCREW,HHC,3/8-16 X 1.75,GRD.8.....51, 61, 165
 SCREW,HHC,3/8-16 X 2.....81, 109, 165
 SCREW,HHC,3/8-16 X 2 FULL THRD.....113
 SCREW,HHC,3/8-16 X 2.25.....23, 25, 163
 SCREW,HHC,3/8-16 X 2.5.....23, 197
 SCREW,HHC,3/8-16 X 2.75.....23, 25

Part Description Index (continued)

SCREW,HHC,3/8-16 X 3.....99	SCREW,SECURITY,1/4-20 X 2.75LG.....21	SENDING UNIT,OIL TEMP SWCH,DTZ.....57-58
SCREW,HHC,3/8-16 X 3.25.....169	SCREW,SHC,1/2-13 X 4 ZINC.....25, 89	SENDING UNIT,TMP,FRD,GM,PRK704.....65
SCREW,HHC,3/8-16 X 3.5,GR5.....71, 73, 75, 77, 79	SCREW,SHC,3/4-10 X 3.00,A574.....23, 34-35	SENSOR, ANGLE, 180 DEG, CW...73, 95, 105
SCREW,HHC,3/8-16 X 4.....71, 73	SCREW,SHC,3/4-10 X 3.75,A574.....197	SENSOR, TEMP, SENDER, M16X1.5.....63
SCREW,HHC,3/8-16 X 4.5,GR8.....201	SCREW,SHC,5/16-18 X 2,PLATED.....33-35	SENSOR,OIL PRESS,VDO360-004***.....51
SCREW,HHC,3/8-16 X 7.....97, 107	SCREW,SHC,5/8-11 X 4,A574.....23	SENSOR,AXLE POSITION.....23, 45
SCREW,HHC,3/8-16X1.5,GR8.....201	SCREW,SHC,7/16-14 X .75,61342.....39-40	SENSOR,DUAL OUTPUT,ANGLE***.....45
SCREW,HHC,3/8-16X2.25,GR8.....201	SCREW,SHC,7/16-14X1.25,A574,YZ.....39-40	SENSOR,TILT,PCON (PLASTIC)***.....113
SCREW,HHC,3/8-16X2.5,8,ZAG.....205	SCREW,SHC,M10X1.5X20MM (75090).....67	SEPARATOR,DUAL BATTERY,100A.....31
SCREW,HHC,3/8-16X7.5.....79	SCREW,SHC,M10X1.5X30 GR 12.9.....49, 55	SEPARATOR-FUEL/WTR CUMIN B4.5.....51
SCREW,HHC,5/16-18 X .75.....39-40	SCREW,SHC,M16 X 50MM,BLACK.....19	SEPRTR/FLTR,FUEL DSL,15GPH,30.....61
SCREW,HHC,5/16-18 X 1 GR5.....34-35, 53, 57-58, 115, 187-188	S C R E W , S H C , M 4 - 0 . 7 X 1 4 DIN912,12.9,ZAB.....73, 95, 105	SERV KIT,#4RISER-TO-LINK BANJO.....25, 89
SCREW,HHC,5/16-18 X 1.25.....51, 53, 173, 175, 187-188	SCREW,SHC,M8 X 1.25 X 16 MM.....63	SERVICE KIT, THROTTLE, B3.3T.....49
SCREW,HHC,5/8-11 X 1.75 GRD.8.....47, 53, 65	SCREW,SHS,1/4-20 X .25 ZINC.....37	SERVICE KIT,TRANSPORT PIN Z135.....43
SCREW,HHC,5/8-11 X 2.5.....29	SCREW,SHS,3/4X1.25X5/8-11,ZAG.....105	SHAFT,MOTOR.....197
SCREW,HHC,5/8-11 X 3 GRD.8.....53	SCREW,SHS,3/4X1.5X5/8-11,ZAG.....95	SHAFT,OUTPUT.....33-35
SCREW,HHC,5/8-11 X 3.5 GRD.8.....47, 51, 55, 57-58, 61, 63, 67	SCREW,SHS,3/4X2.25X5/8-11,ZAG.....73	SHIM,AXLE,2.56.....23, 25
SCREW,HHC,7/16-14 X 1.25.....173	SEAL KIT.....81, 157	SHIM,SIDE PAD 22GA.....111
SCREW,HHC,7/16-14 X 1.75.....171, 175	SEAL KIT (39345).....81, 143	SHIM,STEER YOKE.....21
SCREW,HHC,M10 X 1.5 X 16 TMZ.....55	SEAL KIT CYL***.....17	SHIM,WEAR PAD ENGINE TRAY.....47
SCREW,HHC,M10 X 1.5 X70,GR 8.8.....55, 175	SEAL KIT PWR WHL MOTOR.....34-35	SHIM,WEAR PAD,5X 1.5 16GA.....111
SCREW,HHC,M10 X 25MM,GR 8.8.....49, 53, 67, 183	SEAL KIT, SOLENOID VALVE.....131, 135, 137, 139, 141	SHIM,WEAR PAD,7 X 3,12GA.....71, 73, 75, 77, 79, 101
SCREW,HHC,M10 X 30MM.....47, 65, 173, 195	SEAL KIT, SWING BRAKE.....33-35	SHIM,WEAR PAD,7 X 3,16GA.....77, 101
SCREW,HHC,M10 X 65MM,GR8.8.....49	SEAL KIT, VALVE.....127, 129, 131, 133, 139, 141, 145	SHOCK MOUNT,LARGE**.....63
SCREW,HHC,M12 X 30.....51, 63, 65	SEAL KIT, VALVE, #10.....127, 131, 135, 137, 139, 141	SHOCK MOUNT,SMALL.....63
SCREW,HHC,M12 X 35MM.....47, 51, 53, 63, 67	SEAL KIT, VALVE, #12.....131, 135, 137, 139, 141	SHROUD,FAN (FIBERGLASS).....51, 61
SCREW,HHC,M12 X 45.....67	SEAL KIT, Z135 LIFT (61814).....89, 91	SHROUD,FAN,PERKINS PAINTED.....63
SCREW,HHC,M14 X 40MM,GR 8.8.....55	SEAL KIT,19920 HAND PUMP.....137, 139, 141	SHUTDOWN SOLENOID,12V, DEUTZ.....58
SCREW,HHC,M6 X 20MM,GR8.8.....57-58	SEAL KIT,8K ROTATOR***.....113	SLEAVING,PARKER TEK,2.00".....17
SCREW,HHC,M8 X 1.25 X 25.....67	SEAL KIT,CB VALVE***.....81	SLEEVE,CONNECTOR,DT JOYSTICKS.....125
SCREW,HHC,M8 X 10MM.....63, 67	SEAL KIT,CYL.....103, 105, 109	SLEEVE,NYLON,3.13 ID.....45
SCREW,HHC,M8 X 16.....67	SEAL KIT,CYL (98147)***.....17	SLIDING MIDRAIL KIT,PTD.....117
SCREW,HHC,M8 X 20MM.....63, 67, 181	SEAL KIT,CYL***.....43	SNAP PIN.....160
SCREW,HHC,M8 X 20MM.....63, 67, 181	SEAL KIT,CYL.106519.....103, 105	SNAP RING,EXTERNAL,1.25,ZAG.....101, 109
SCREW,HHC,M8 X 20MM.....63, 67, 181	SEAL KIT,FAIRFIELD (S1A2)***.....33-35	SNAP RING,EXTERNAL,2.00,ZAG.....101
SCREW,HHC,M8 X 20MM.....63, 67, 181	SEAL KIT,HYD MOTOR(106184).....187-188	SNAP RING,EXTERNAL,2.50,ZAG.....91
SCREW,HHC,M8 X 20MM.....63, 67, 181	SEAL KIT,HYD SWIVEL (75126)***.....39-40	SNAP RING,EXTERNAL,3.25,ZAG.....89, 91
SCREW,HHC,M8 X 20MM.....63, 67, 181	S E A L K I T , H Y D R A U L I C SWIVEL(1253699).....39-40	SOLENOID CABLE ASSY***.....58
SCREW,HHC,M8 X 20MM.....63, 67, 181	SEAL KIT,MOTOR,LC/KC***.....19	SOLENOID,12V CONTINUOUS.....31
SCREW,HHC,M8 X 20MM.....63, 67, 181	SEAL KIT,RWD 1700TB***.....19	SOLENOID,MOTOR START,60511,APU.....34-35
SCREW,HHC,M8 X 20MM.....63, 67, 181	SEAL KIT,SAUER-DANFOSS M46***.....157	SOLENOID,THROTTLE,ASSY.TROMB.....47, 49, 57-58, 65, 67
SCREW,HHC,M8 X 20MM.....63, 67, 181	SEAL KIT,SOLENOID VALVE.....127	SPACER.....197
SCREW,HHC,M8 X 20MM.....63, 67, 181	SEAL KIT,SUNSTRAND.....187-188	SPACER TUBE,.50 LG.....171
SCREW,HHC,M8 X 20MM.....63, 67, 181	SEAL KIT,SWING BRAKE.....34-35	SPACER, HANGER BRACKET.....207
SCREW,HHC,M8 X 20MM.....63, 67, 181	SEAL KIT,SWING BRAKE***.....33-35	SPACER, ROLLER.....79
SCREW,HHC,M8 X 20MM.....63, 67, 181	SEAL KIT,SWING TORQ HUB***.....33-35	SPACER,ALT PULLEY,DEUTZ BF4L2011.....57-58
SCREW,HHC,M8 X 20MM.....63, 67, 181	SEAL KIT,Z135 JEXT (94653).....109	SPACER,SWIVEL MOUNT.....39-40
SCREW,HHC,M8 X 20MM.....63, 67, 181	SEAL KIT,Z135 PEXT (61815)***.....99	SPIDER (106113).....187-188
SCREW,HHC,M8 X 20MM.....63, 67, 181	SEAL KIT-FOR PN.44216 & 826779.....133	SPRING CLIP,1/4-20,.025-.15X.54,ZAG.....27, 29, 47, 49, 63, 67, 93, 95, 107, 117
SCREW,HHC,M8 X 20MM.....63, 67, 181	SEAL, CAP.....40	SPRING CLIP,3/8-16,.05-.20X.73,ZAG.....25, 27, 31, 34-35, 39-40, 79
SCREW,HHC,M8 X 20MM.....63, 67, 181	SEAL, CONNECTOR (DT JOYSTICKS).....125	SPRING WASHER (85166).....187-188
SCREW,HHC,M8 X 20MM.....63, 67, 181	SEAL, GASKET,.0005" *SILVER*.....197	SPRING, SS, 1/2-EO500-49-4500.....203
SCREW,HHC,M8 X 20MM.....63, 67, 181	SEAL, GASKET,.00075" *GOLD*.....197	SPRING, SS, 3/4-EO750-69-4500.....203
SCREW,HHC,M8 X 20MM.....63, 67, 181	SEAL, GASKET,.0010".....197	SPRING,COMP,1-1/4"OD 352 LB/IN.....169
SCREW,HHC,M8 X 20MM.....63, 67, 181	SEAL, O-RING LIP.....39-40	SPRING,JOYSTK CENTR,62390/91.....125
SCREW,HHC,M8 X 20MM.....63, 67, 181	SEAL, POLY, CHAMFER.....39-40	SPRING,SHORT PLATFORM GATE.....159-160
SCREW,HHC,M8 X 20MM.....63, 67, 181	SEAL,FILTER ASSY (60334)***.....33-35	SPRING,SWITCH CENTERING,75565.....125
SCREW,HHC,M8 X 20MM.....63, 67, 181	SEAL,O-RING,SQUARE.....39-40	STANDOFF, 3/8" BLACK.....37
SCREW,HHC,M8 X 20MM.....63, 67, 181	SEAL,RETAINING RING.....197	STANDOFF,1/4X1/4 M-F 6-32 S/S.....179
SCREW,HHC,M8 X 20MM.....63, 67, 181	SEAL,SHAFT.....197	STANDOFF,6-32X1/2LX1/4 HEX NYL.....121
SCREW,HHC,M8 X 20MM.....63, 67, 181	SENDER,LOW FUEL INDICATOR.....29	STARTER, 12V.....55
SCREW,HHC,M8 X 20MM.....63, 67, 181	SENDING UNIT,OIL PRESS PERKINS.....65	
SCREW,HHC,M8 X 20MM.....63, 67, 181	SENDING UNIT,OIL PRESS,DEUTZ*.....57-58	

STARTER, 12V, CUMMINS B3.3T.....49
 STARTER, 12V, CUMMINS, B3.9/B4.5.....51
 STARTER, ENG, PERK T3 6/8/10K.....61
 STEP PLATFORM ENTRY PAINTED***.....117
 STOP PLATFORM ROLLER.....97
 STRAINER ASSY, #16 O-RING.....151
 STRAINER ASSY, #24 O-RING.....151
 STRAP ASSY, FUEL TANK 52".....29
 STRUT SUPPORT.....27
 STRUT SUPPORT, TANK SIDE.....27
 STUD, WHEEL, 3/4-16 X 3"***.....19
 STUD, POWER 3/8" RED.....37
 SUBASSY, STEER SENSOR.....21, 45
 SUPPORT, RAILING.....159-160, 203
 SUPPORT, COVER (61112, 61117).....27, 29
 SUPPORT, ENGINE COVER GRAY.....29
 SUPPORT, SENSOR, JOYSTICK.....125
 SWING DRIVE ASSEMBLY.....33-35
 SWING MOTOR COMPLETE***.....33-35
 SWING MOTOR, COMPLETE***.....34-35
 SWITCH ASSY, LIMIT LSFA1ES, LSRA.....17, 45
 SWITCH ASSY, LIMIT LSJ1RO.....45, 107
 SWITCH ASSY, LIMIT LSP1RO.....45, 93, 95
 SWITCH ASSY, LIMIT LSS1EO.....45, 97
 SWITCH ASSY, LIMIT LSS1RO.....45, 71, 73
 SWITCH ASSY, LIMIT LSS1RS.....45, 71, 73
 SWITCH ASSY, LIMIT LST10.....39-40, 45
 SWITCH ASSY, LIMIT LST1O.....39-40, 45
 SWITCH ASSY, LIMIT LST1S.....39-40, 45
 SWITCH LIMIT W/ROLLER NO/NC GOLD.....97
 SWITCH LIMIT W/ROLLER NO/NC.....17, 39-40
 SWITCH SHIELD, ROCK JOYSTK75565.....125
 SWITCH TOGGLE ASSY SPDT 2P MNT.....179
 SWITCH TOGGLE ASSY SPDT 3P MOM.....119, 123
 SWITCH TOGGLE SPDT 3P MOM SHDR.....119
 SWITCH, OIL PRESSURE 1.5 BAR.....57-58
 SWITCH, COLD START ADVANCE WATER SENSOR.....63
 SWITCH, LIMIT W/ROLLER NO/NC.....71, 73, 93, 95
 SWITCH, LIMIT W/ROLLER NO/NO.....71, 73
 SWITCH, LIMIT, W/ROLLER NO/NC.....107
 SWITCH, LOAD LIMIT.....45
 SWITCH, PRESS, #4NPT, 200PSIF.....187-188
 SWITCH, THERMOSTAT 60F OPEN.....37
 SWITCH, THERMOSTAT 85F OPEN.....179
 SWITCH, TOGGLE, SPDT, 2 POS MAINT.....37
 SWIVEL, ELECTRIC 10 CONTACT***.....39-40
 SWIVEL, HYDRAULIC, 5 PORT.....39-40

T

T-BOX 2.75 X 4.5 X 2.5.....171, 173, 175
 T-BOX, 2.75 x 4.5 x 2.0.....117
 T-BOX, 2.75X4.5X2.63, 3PH.....191
 TAIL PIPE, DEUTZ.....55
 TANK, HYDRAULIC, 65 GALLON.....34-35
 TAP BLOCK, WELD GENERATOR PAINT.....187-188
 TAPE, PROTECTIVE MASK.....11-12, 15
 TAPE, WARNING, BLK/YEL, 50"***.....15
 TEE, BRASS STREET, 12 NPT.....63
 TEE, BULKHEAD, RUN, 520958-8.....147
 TEE, RUN, 520428-12.....147, 149, 151, 193
 TEE, RUN, 520428-4.....155
 TEE, RUN, SWIVEL, 520432-16.....151

TERM, AMP MTE, SOC, 22-26 GA BULK.....125
 TERM, DEUTSCH, PIN #12-14.....47, 57-58, 65, 67
 TERM, GOLD PIN, 14/16 GA, BULK.....21, 23
 TERM, NI PIN, S&F, 16-18GA, REEL.....39-40, 71, 73, 93, 95, 97, 107
 TERM, NI SOC, S&F, 16-18GA, REEL.....17, 71, 73
 TERM, SOCKET, DEUTSCH, 12-14GA.....171, 173, 175
 TERMINAL, STRIP, 4-POLE, 600V***.....171, 173, 175
 THERMOSTAT -OIL COOLER (71259).....34-35
 THERMOSTAT, 180 DEG.F.....67
 THREADED ROD, 3/8-16, 6.50 LG.....39-40
 THREADED ROD, (3/8-16), 4.25".....39-40
 THROTTLE LINK, STEEL.....49
 THROTTLE LINK, DSL***.....57-58
 THROTTLE LINKAGE, DSL.....57-58
 THROTTLE LINKAGE, PERKINS 1104C.....65
 THROTTLE, LINKAGE.....67
 THUMB SCREW W/SHOULDER 3/8-16.....34-35
 TIMING LINK, MACHINED.....17
 TIRE & WHEEL ASSY LF-LR.....17
 TIRE & WHEEL ASSY RF-RR.....17
 TIRE & WHEEL ASSY, LH.....17
 TIRE & WHEEL ASSY, RH.....17
 TOEBOARD, TRI ENTRY 6", EURO.....159-160
 TOEBOARD, 8" TRI ENTRY.....159-160
 TOEBOARD, ENTRY EUROPEAN PNTD**.....159-160
 TOOL HOLDER, PLASTIC.....117
 TOOL TRAY.....159-160
 TRIM MOLDING.....51
 TROLLEY, TRACK, FALL ARREST BAR.....207
 TUBE ASSY, FUEL TANK, 20.75" LG.....29
 TUBE, EXHAUST CUMMINS B3.3T.....49
 TUBE, AIR INTAKE 1, CUM.B3.3T.....49
 TUBE, AIR INTAKE, DEUTZ.....55
 TUBE, AIR INTAKE, LOWER.....181
 TUBE, AIR INTAKE, UPPER.....49, 181
 TUBE, CAC 1 CUM.B3.3T.....49
 TUBE, EXHAUST CUMMINS T3.....49
 TUBE, INTAKE, CUMMINS T3.....49
 TUBE, INTAKE, PRECLEANER B3.3T.....183
 TUBE, INTAKE, PRECLEANER, 804T.....183
 TUBE, RD, STL 3 X 18GA ALUMINIZD.....47, 65, 67
 TUBE, RD, STL, ALUMIZD, 2.5 X .065.....61
 TUBE, RD, STL, DOM, .75X.38X.78.....163, 165
 TUBE, UHMW, SPACER.....23
 TUBING, VINYL, 1/2" CLEAR.....67

U

U-BOLT, FLATTENED, 1.5 X 3/8 UNC, ZAG.....205
 U-BOLT, SQR, 3/8-16X2X5, PLTD.....203
 U-BOLT, 1/2-13 X 8.5.....55, 61, 63
 U-BOLT, 1/4-20, SQUARE 3.5X3.5.....81
 U-BOLT, 3/8-16X4X4.63X3.00.....191, 203
 U-BOLT, GUILLOTINE, 3".....49
 UBOLT, FLATTENED, 1.5 DIA X 3/8 UNC.....177, 191
 UNION, STR. THREAD 20.....151
 UNION, STR. THREAD 24***.....151

V

V-BELT, DEUTZ F4L2011.....57-58
 V-BELT, DEUTZ TD2011LOAI.....57-58
 VALVE - COUNTERBALANCE**.....143
 VALVE BALL, 24 FSAE-24 FSAE***.....151
 VALVE, CHECK.....127, 129, 137
 VALVE, CHECK 25 PSI.....133
 VALVE, CHECK, 5 PSI.....139, 141
 VALVE, DIFFERENTIAL SENSING.....133
 VALVE, DIRECTIONAL VALVE.....133
 VALVE, FLOW CONTROL 1.5GPM.....131
 VALVE, FLOW CONTROL 2.1GPM.....131
 VALVE, FLOW DIVIDER/COMBINER.....127
 VALVE, FLOW DIVIDER/COMBINER.....127
 VALVE, FLOW REGULATOR.....145
 VALVE, RELIEF.....135, 137
 VALVE, RELIEF, 2600 PSI.....139, 141
 VALVE, BALL, 16 MSAE-16 FSAE***.....151
 VALVE, CB, CAGK-LHN@2500 PSI***.....81
 VALVE, CB, CBBC-LHN@1000***.....109
 VALVE, CB, CBCA-LHN@1500PSI***.....99
 VALVE, CB, CBGA-LHN@2500 PSI***.....81
 VALVE, CB, CWCL-LGN@4000 PSI***.....43
 VALVE, CHECK 65 PSI, (88115).....131
 VALVE, CHECK, 3 PSI***.....187-188
 VALVE, CHECK, 5 PSI.....127, 135, 139, 141
 VALVE, COUNTERBAL, CBCA-LIN***.....33-35
 VALVE, COUNTERBAL, CBBB-LHN@3500.103, 105, 109
 VALVE, COUNTERBALANCE.....17, 89, 91, 103, 105
 VALVE, COUNTERBALANCE 3000 PSI*.....81, 99
 VALVE, COUNTERBALANCE 4000 PSI.....43
 VALVE, COUNTERBALANCE (81366)***.....34-35
 VALVE, COUNTERBALANCE, 2:1 3000.....109
 VALVE, DIFF SENSING, 150 PSI.....137, 139
 VALVE, DIFFERENTIAL SENSING.....139
 VALVE, DIFFERENTIAL SENSING***.....137, 139, 141
 VALVE, FLOW CONTROL, 4 GPM.....133
 VALVE, FLOW CONTROL, 7.0 GPM***.....131
 VALVE, FUNCTION ENABLE.....143
 VALVE, PILOT OPER DIRECTIONAL.....187-188
 VALVE, PRESSURE REDUCING***.....131
 VALVE, PROPORTIONAL.....139, 141
 VALVE, PROPORTIONAL 3 POS 4 WY.....133
 VALVE, PROPORTIONAL 3 POS 4 WY*.....145
 VALVE, RELIEF 250 PSI***.....127
 VALVE, RELIEF 280 PSI.....187-188
 VALVE, SHUTTLE.....127, 133
 VALVE, SHUTTLE***.....33-35
 VALVE, SOLENOID 2 POS 2 WAY.....143
 VALVE, SOLENOID 2 POS 3 WAY.....135, 137
 VALVE, SOLENOID 2 POS.3 WAY.....127
 VALVE, SOLENOID 2 POSITION 3WAY.....131, 135, 137
 VALVE, SOLENOID 3 POS 4 WAY.....131, 135, 137
 VALVE, SOLENOID 3 POS.4 WAY***.....145
 VALVE, SOLENOID, 10V, W/OUT COIL*.....187-188
 VALVE, SOLENOID, 2POS 3 WAY***.....133
 VALVE, SOLENOID, NOR.....191
 VOLTAGE REGULATOR, 110V.....171, 173, 175
 VOLTAGE REGULATOR, 220V.....171, 173, 175

Part Description Index (continued)

W

WASHER, NYLON #10, 0.093.....123
 WASHER, RETAINING, M16.....63
 WASHER,.375X1.25X.100.....51, 53, 61
 WASHER,3/8 HARD.STEEL-FLAT,USS.....201
 WASHER,FENDER,.25 X 1.25 X.062.....27, 29
 WASHER,FLAT, M16 HARDENED.....19
 WASHER,FLAT,.375X1.50X.125,ZAG.....205
 WASHER,FLAT,5 HARDENED.....19, 34-35, 49, 63, 93, 197
 WASHER,FLAT,.625 HARDENED.....23, 47, 51, 53, 61, 63, 65, 67
 WASHER,FLAT,.625 X 2.25 X.15.....47, 51, 53, 55, 57-58, 61, 63, 67
 WASHER,FLAT,.75 HARDENED.....23, 34-35
 WASHER,FLAT,1.000,HARDENED.....115
 WASHER,FLAT,1.56 X 2.5 X .061.....53, 55, 57-58, 63, 67, 97, 101, 107
 WASHER,FLAT,2.27 X 3.5 X .06.....93, 95
 WASHER,FLAT,2.5 X 4 X .062.....91
 WASHER,FLAT,3/8,USS,ZAG.....205
 WASHER,FLAT,313, HARDENED.....115
 WASHER,FLAT,M10,ZINC PLTD.....47, 49, 53, 55, 65, 67, 173, 175, 183
 WASHER,FLAT,M12.....47, 51, 53, 63, 65, 67
 WASHER,FLAT,M14.....55
 WASHER,FLAT,M8,YELLOW ZINC.....63, 67, 181
 WASHER,FLAT,MS,#10,Y.....27, 29, 37, 39-40, 63, 83, 117, 169, 188
 WASHER,FLAT,USS,1",Y.....27
 WASHER,FLAT,USS,1/2",Y.....25, 27, 39-40, 187-188, 201
 WASHER,FLAT,USS,1/4"Y.....21, 23, 25, 27, 29, 31, 34-35, 37, 47, 49, 51, 53, 67, 71, 85, 87, 89, 91, 93, 95, 97, 101, 103, 105, 107, 113, 115, 117, 119, 159-160, 163, 165, 169, 175, 181, 183, 187-188, 203
 WASHER,FLAT,USS,1/4,ZAG.....205
 WASHER,FLAT,USS,3/8",Y.....21, 23, 25, 27, 29, 31, 33-35, 39-40, 49, 51, 53, 57-58, 61, 63, 65, 71, 73, 75, 77, 79, 81, 85, 87, 89, 91, 97, 99, 103, 105, 107, 109, 117, 169, 171, 187-188, 197
 WASHER,FLAT,USS,5/16",Y.....34-35, 47, 49, 51, 53, 55, 57-58, 61, 63, 73, 81, 105, 115, 117, 171, 173, 175, 177, 187-188, 191, 203
 WASHER,FLAT,USS,5/8",Y.....29
 WASHER,FLAT,USS,7/16",Y.....175
 WASHER,LOCK,.25.....23, 25, 27, 29, 33-35, 37, 51, 53, 57-58, 67, 101, 103, 119, 159-160
 WASHER,LOCK,.313.....33-35, 187-188
 WASHER,LOCK,.375.....23, 25, 29, 33-35, 39-40, 47, 49, 53, 61, 71, 73, 75, 77, 79, 99, 101, 103, 105, 111, 163, 165, 171, 201
 WASHER,LOCK,.437,PLTD.....171, 173, 175
 WASHER,LOCK,.625 PLTD.....29, 195
 WASHER,LOCK,0.5".....43, 93, 95
 WASHER,LOCK,M10.....175, 195
 WASHER,LOCK,M6.....57-58
 WASHER,LOCK,M8.....63, 67
 WASHER,SHIM .0151 THK.....169
 WASHER,SHIM,1.27 X 2.13 X .062.....109
 WASHER,THRUST 5 X 1.81 BRONZE.....21
 WASHER,THRUST,2.5 X 5.5 X .250.....23
 WASHER,THRUST,TORQUE HUB.....33-35
 WEAR PAD ROUND.....87
 WEAR PAD,4.25 X 1.5 X 1.....109
 WEAR PAD,5 X 1.5 X .50 W/NUTS.....111

WEAR PAD,5 X 1.5 X .625 W/NUTS.....111
 WEAR PAD,5 X 1.5 X .75 W/NUTS.....99, 111
 WEAR PAD,5 X 3 X .625 W/NUTS.....39-40, 71, 73
 WEAR PAD,5.5 X 1.75 X .5.....97, 107
 WEAR PAD,7 X 2 X.75 W/NUTS.....77
 WEAR PAD,7 X 3 X 0.5 W/INSERT.....71, 73, 75, 77
 WEAR PAD,7 X 3 X 1 W/NUTS.....71, 73, 75, 77
 WEAR PAD,7 X 3 X.625 W/INSERT.....99, 101
 WEAR PAD,7 X 3 X.75 W/NUTS.....71, 73, 75, 77, 79, 99
 WEAR PAD,7X3X.50 W/NUTS.....101
 WEAR PAD,7X3X.625 W/NUTS.....75, 77, 79, 101
 WEAR PAD,7X3X.75 W/INSERT.....75, 77, 79
 WEAR PAD,CABLE TRACK PULL TUBE.....97, 107
 WEAR PAD,ENGINE SUPPORT.....47
 WEAR PAD,RISER EXTENSION CYL.....81
 WELD CABLE,NEGATIVE,JIB.....45
 WELD CABLE,NEGATIVE,PRIMARY.....45
 WELD CABLE,NEGATIVE,SECONDARY.....45
 WELD CABLE,POSITIVE,JIB.....45
 WELD CABLE,POSITIVE,PRIMARY.....45
 WELD CABLE,POSITIVE,SECONDARY.....45
 WELD.BCRANK ROTARY SENSOR PIN.....103, 105
 WELDER,INVERTEC V275-S.....191
 WELDMNT, AIR BOX, DEUTZ.....57-58
 WELDMNT, AIRCRAFT TOP BUMPER.....203
 WELDMNT, ENGINE MNT, RF.....63
 WELDMNT, ENGINE TRAY.....53, 55, 67
 WELDMNT, EXHAUST SUPPORT.....63
 WELDMNT, EXHAUST, 804T.....63
 WELDMNT, GUIDE BRKT.....75, 77
 WELDMNT, MUFFLER SUPPORT.....63
 WELDMNT, ROLLER #4.....79
 WELDMNT, SENSOR MOUNT.....203
 WELDMNT, SKIDPLATE**.....203
 WELDMNT,AIR BOX,DEUTZ PAINTED.....57-58
 WELDMNT,AIRCRAFT SENSOR BUMPR.....203
 WELDMNT,BATTERY BOX.....34-35
 WELDMNT,CABLE STAY.....79
 WELDMNT,CABLE TRACK SUPPORT.....97, 107
 WELDMNT,ENGINE MOUNT,RT,FRONT.....47
 WELDMNT,ENGINE TRAY.....65
 WELDMNT,EXHAUST HEADER.....61
 WELDMNT,EXHAUST TUBE.....29
 WELDMNT,GENERATOR.....173
 WELDMNT,GENERATOR MOUNT.....175
 WELDMNT,JIB EXTENSION***.....111
 WELDMNT,JIB PULL TUBE.....107
 WELDMNT,KEYSWITCH COVER.....37
 WELDMNT,LONG GUIDE TUBE.....83
 WELDMNT,MANIFOLD MOUNT.....115
 WELDMNT,PIN,AXLE SENSOR.....23
 WELDMNT,PLATFORM SUPPORT,CE.....169
 WELDMNT,PRECLEANER,DEUTZ.....181, 183
 WELDMNT,PRI.ROTARY SENSOR PIN.....93
 WELDMNT,PRIMARY PULL TUBE.....97
 WELDMNT,PROTECTION BAR.....103, 105
 WELDMNT,RADIATOR MOUNT**.....51, 61
 WELDMNT,RADIATOR MOUNT,CUM.....53

WELDMNT,REAR ENGINE MOUNT.....55, 57-58
 WELDMNT,RISE BOOM #3***.....69, 77
 WELDMNT,RISER BOOM #2***.....69, 75
 WELDMNT,RISER BOOM #2***.....69, 75
 WELDMNT,RISER BOOM #3.....69, 77
 WELDMNT,RISER ROTARY SNSR PIN.....43
 WELDMNT,ROTATOR SUPPORT.....169
 WELDMNT,SWING GATE,ALUMINUM.....159-160
 WELDMNT,TRACK PULL TUBE PIVOT.....101, 107
 WELDMNT,TRAY CABLETRACK***.....81, 83
 WELDMNT,RISER CABLE TRACK TRAY...81, 83
 WHEEL DRIVE W/BRAKE,113:1.....19
 WHEEL DRIVE W/BRAKE,76:1.....19
 WIPER, JIB-JIB EXTENSION.....165
 WIPER,#1 TO #2.....163
 WIPER,#2 TO #3.....163
 WIPER,#3 TO #4.....163
 WIPER,PRI.-PRI EXT.....165
 WIRE CABLE,16/4 CON.TPE JKT.....17, 39-40, 71, 73, 93, 95, 97, 107
 WIRE LOOM,3/8 NYLON,HI TEMP.....67
 WLDT, AIR CLEANER/SOLENOID MNT.....49
 WLDT, MUFFLER BRKT, CUMMINS T3.....49
 WLDT, SENSOR ROTATOR #1.....73
 WLDT, SENSOR ROTATOR #2.....95, 105
 WLDT., PRIMARY SENSOR PIN.....95

Y

YOKE ASSEMBLY,SUPERBOOM,NRRW.....19

Z

Z135 LATCH HOOK.....201
 Z135 LATCH KIT.....201
 Z135 LATCH SHIM.....201
 Z135 LATCH SPACER.....201
 Z135 LATCH, GUIDE MOUNT.....201
 Z135 LATCH,BREAK LINK.....201
 Z135 LATCH,GUIDE LINK.....201
 Z135 LATCH,HOOK MOUNT.....201
 Z135 LATCH,PRIMARY LINK.....201
 Z135 LATCH,THREADED PRIMARY.....201
 Z135,AIR LINE TO PLATFORM.....177
 ZERK,GREASE,5/16-24,STRAIT.....169

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Fitting Cross References

Genie PN	Parker PN	Description	Genie PN	Parker PN	Description
12342	6-4 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE	42794	1 CR-S	ELBOW,90°,MALE PIPE
13757	4 R6X-S	RUN TEE,SWIVEL NUT,ORFS	42795	BV-0839	BALL VALVE
19685	12-10 C5OX-S	ELBOW,90°,STRAIGHT THREAD TO FLARE TUBE	42796	BV-0838	BALL VALVE
22664	12-10 C5OX	ELBOW,90°,STRAIGHT THREAD TO FLARE TUBE	42874	6-8 CLO-S	ELBOW,90°,MALE PIPE TO ORFS
27431	8-12 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE	42912	13943-6-4	HOSE END,90° FEMALE SWIVEL,JIC
28678	AS-B-33	SLEEVE,NYLON,1.81" ID	42920	BV-0840	BALL VALVE,90°
39871	6 WETX-WLN-S	UNION,90° BULKHEAD W/NUT,FLARE TUBE	42932	AS-B-17	SLEEVE,NYLON,1.22" ID
39872	4 R5OX-S	RUN TEE,STRAIGHT THREAD	42936	10243-2-4	HOSE END,FEMALE PIPE
39873	6 C5OX-S	ELBOW,90°,STRAIGHT THREAD TO FLARE TUBE	42953	1/2 DD-S	ELBOW,90°,FEMALE PIPE
39874	8-6 C5OX-S	ELBOW,90°,STRAIGHT THREAD TO FLARE TUBE	42956	6 WELO-WLNL-S	UNION,90° BULKHEAD W/NUT,ORFS
39875	4-6 C5OX-S	ELBOW,90°,STRAIGHT THREAD TO FLARE TUBE	45349	8 V5OX-S	ELBOW,45°,STRAIGHT THREAD TO FLARE TUBE
39876	6-8 C5OX-S	ELBOW,90°,STRAIGHT THREAD TO FLARE TUBE	45351	4 V5OX-S	ELBOW,45°,STRAIGHT THREAD TO FLARE TUBE
39877	4 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE	47223	10343-6-6	HOSE END,MALE,JIC
39878	6 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE	47419	PS690503-6-6	SWIVEL,90°,STRAIGHT THREAD TO 37° FLARE
39879	4-8 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE	48750	421-4	HOSE,1/4 INCH ID
39880	6-10 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE	48751	481TC-4	HOSE,1/4 INCH ID
39881	4-6 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE	48752	482TC-4	HOSE,1/4 INCH ID
39882	4-HP5ON-S	PLUG,STRAIGHT THREAD	48753	451TC-6	HOSE,3/8 INCH ID
39883	8-8 FTX-S	CONNECTOR,MALE PIPE TO FLARE TUBE	48754	482TC-6	HOSE,3/8 INCH ID
39885	269HB 12-12	ELBOW,90°,BEADED HOSE BARB TO MALE PIPE	48755	381-6	HOSE,3/8 INCH ID
39886	431-6	HOSE,3/8 INCH ID	48756	451TC-8	HOSE,1/2 INCH ID
39887	540N-2	HOSE,1/8 INCH ID	48757	482TC-8	HOSE,1/2 INCH ID
39888	801-8	HOSE,1/2 INCH ID	48758	381-8	HOSE,1/2 INCH ID
39889	801-12	HOSE,3/4 INCH ID	48759	381-10	HOSE,5/8 INCH ID
39890	10643-6-6	HOSE END,FEMALE SWIVEL,JIC	48760	451TC-10	HOSE,5/8 INCH ID
39891	13943-6-6	HOSE END,90° FEMALE SWIVEL,JIC	48761	482TC-12	HOSE,3/4 INCH ID
39892	13743-6-6	HOSE END,45° FEMALE SWIVEL,JIC	48762	451TC-12	HOSE,3/4 INCH ID
39894	30682-8-8	HOSE END,FEMALE SWIVEL,JIC	48763	772-12	HOSE,3/4 INCH ID
39895	30682-10-12	HOSE END,FEMALE SWIVEL,JIC	48764	881-16	HOSE,1 INCH ID
42286	8-8 CTX-S	ELBOW,90°,MALE PIPE TO FLARE TUBE	48765	772-16	HOSE,1 INCH ID
42756	8-12 CLO-S	ELBOW,90,MALE PIPE TO ORFS	48766	AS-B-15	SLEEVE,NYLON,1.06" ID
42757	8-12 FLO-S	CONNECTOR,MALE PIPE TO ORFS	48767	AS-B-22	SLEEVE,NYLON,1.42" ID
42758	4 JLO-S	UNION TEE,ORFS	48770	881-8	HOSE,1/2 INCH ID
42759	4-4 FLO-S	CONNECTOR,MALE PIPE TO ORFS			
42760	6-8 FLO-S	CONNECTOR,MALE PIPE TO ORFS			
42761	1J143-6-4	HOSE END,90° FEMALE SWIVEL,SEAL LOK			
42762	1J743-6-4	HOSE END,45° FEMALE SWIVEL,SEAL LOK			
42768	1JO43-4-4	HOSE END,MALE,SEAL LOK			
42776	601-8	HOSE,1/2 INCH ID			
42777	1J743-16-16	HOSE END,45° FEMALE SWIVEL,SEAL LOK			
42786	16 CLO-S	ELBOW,90°,MALE PIPE TO ORFS			
42787	16 R6LO-S	RUN TEE,SWIVEL NUT,ORFS			
42788	16-8 TRLO-BL-S	REDUCER,TUBE END TO SWIVEL,ORFS			
42789	6-6 CLO-S	ELBOW,90°,MALE PIPE TO ORFS			
42790	8-10 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS			
42791	3/4 CD-S	ELBOW,90°,MALE TO FEMALE PIPE			
42792	3/4 X 1/2 PTR-S	REDUCER,MALE TO FEMALE PIPE			
42793	1/2 CR-S	ELBOW,90°,MALE PIPE			

Fitting Cross References (Continued)

Genie PN	Parker PN	Description	Genie PN	Parker PN	Description
48771	881-10	HOSE, 5/8 INCH ID	48847	13943-12-12	HOSE END, 90° FEMALE SWIVEL, JIC
48772	381-4	HOSE, 1/4 INCH ID	48848	10543-12-12	HOSE END, MALE, STRAIGHT THREAD
48773	AS-B-13	SLEEVE, NYLON, .86" ID	48849	1JC71-12-12	HOSE END, FEMALE SWIVEL, SEAL LOK
48800	1JC43-4-4	HOSE END, FEMALE SWIVEL, SEAL LOK	48850	1JS71-12-12	HOSE END, FEMALE SWIVEL, SEAL LOK
48801	1J743-4-4	HOSE END, 45° FEMALE SWIVEL, SEAL LOK	48851	1J171-12-12	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48802	1J943-4-4	HOSE END, 90° FEMALE SWIVEL, SEAL LOK	48852	1J771-12-12	HOSE END, 45° FEMALE SWIVEL, SEAL LOK
48804	1JM43-4-4	HOSE END, MALE, SEAL LOK, NO O-RING	48853	1J971-12-12	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48805	10643-4-4	HOSE END, FEMALE SWIVEL, JIC	48854	1JC43-16-16	HOSE END, FEMALE SWIVEL, SEAL LOK
48806	13943-4-4	HOSE END, 90° FEMALE SWIVEL, JIC	48855	1J943-16-16	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48807	1JS43-4-4	HOSE END, FEMALE SWIVEL, SEAL LOK	48856	1J171-16-16	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48808	3JC82-8-8	HOSE END, FEMALE SWIVEL, SEAL LOK	48857	1J971-16-16	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
48809	3JC82-12-12	HOSE END, FEMALE SWIVEL, SEAL LOK	48859	1JS43-8-4	HOSE END, FEMALE SWIVEL, SEAL LOK
48810	1JC43-6-4	HOSE END, FEMALE SWIVEL, SEAL LOK	48867	PD36BTL	DIAGNOSTIC NIPPLE, SEAL-LOK SWIVEL
48811	1J943-6-4	HOSE END, 90° FEMALE SWIVEL, SEAL LOK	48873	6 PNLO-S	PLUG, TUBE END, ORFS
48812	1JC43-6-6	HOSE END, FEMALE SWIVEL, SEAL LOK	48874	6 PNTX-S	PLUG, FLARE TUBE
48813	1J143-6-6	HOSE END, 90° FEMALE SWIVEL, SEAL LOK	48875	6 R6LO-S	RUN TEE, SWIVEL NUT, ORFS
48814	1J543-6-6	HOSE END, 90° FEMALE SWIVEL, SEAL LOK	48877	4 F5OLO-SW/.025	CONNECTOR, STRAIGHT THREAD TO ORFS, W/.025 ORI
48815	1J743-6-6	HOSE END, 45° FEMALE SWIVEL, SEAL LOK	48878	16-12 C5OLO-S	ELBOW, 90°, STRAIGHT THREAD TO ORFS
48816	1J943-6-6	HOSE END, 90° FEMALE SWIVEL, SEAL LOK	48879	8 C6LO-S	ELBOW, 90°, SWIVEL NUT ORFS
48817	1JS43-6-8	HOSE END, FEMALE SWIVEL, SEAL LOK	48880	PD6-285	CAP, DIAGNOSTIC NIPPLE
48818	1J943-8-4	HOSE END, 90° FEMALE SWIVEL, SEAL LOK	48881	6 HLO-S	UNION, ORFS
48819	1JC43-8-6	HOSE END, FEMALE SWIVEL, SEAL LOK	48883	8 P5ON-S	PLUG, STRAIGHT THREAD
48820	1J743-8-6	HOSE END, 45° FEMALE SWIVEL, SEAL LOK	48884	8M18F87OMLO-S	CONNECTOR, METRIC, STRAIGHT THREAD TO ORFS
48821	1J943-8-6	HOSE END, 90° FEMALE SWIVEL, SEAL LOK	48885	4 WGTX-WLN-S	CONNECTOR, BULKHEAD, FEMALE PIPE TO FLARE TUBE
48822	1JC43-8-8	HOSE END, FEMALE SWIVEL, SEAL LOK	48886	4 F5OLO-SW/2MM	CONNECTOR, MACHINED STRAIGHT THREAD TO ORFS
48823	1JS43-8-8	HOSE END, FEMALE SWIVEL, SEAL LOK	48887	4 CTX-S	ELBOW, 90°, MALE PIPE TO FLARE TUBE
48824	1J143-8-8	HOSE END, 90° FEMALE SWIVEL, SEAL LOK	48888	10-12 V5OLO-S	ELBOW, 45°, STRAIGHT THREAD TO ORFS
48825	1J543-8-8	HOSE END, 90° FEMALE SWIVEL, SEAL LOK	48890	4 S5OLO-S	BRANCH TEE, STRAIGHT THREAD TO ORFS
48826	1J743-8-8	HOSE END, 45° FEMALE SWIVEL, SEAL LOK	48891	4 S6LO-S	BRANCH TEE, SWIVEL NUT TO ORFS
48827	1J943-8-8	HOSE END, 90° FEMALE SWIVEL, SEAL LOK			
48828	1JC43-10-8	HOSE END, FEMALE SWIVEL, SEAL LOK			
48829	1JS43-10-8	HOSE END, FEMALE SWIVEL, SEAL LOK			
48830	1J743-10-8	HOSE END, 45° FEMALE SWIVEL, SEAL LOK			
48831	1J943-10-8	HOSE END, 90° FEMALE SWIVEL, SEAL LOK			
48833	1JC43-10-10	HOSE END, FEMALE SWIVEL, SEAL LOK			
48834	1J943-10-10	HOSE END, 90° FEMALE SWIVEL, SEAL LOK			
48835	1JS43-10-12	HOSE END, FEMALE SWIVEL, SEAL LOK			
48836	1JC43-12-8	HOSE END, FEMALE SWIVEL, SEAL LOK			
48837	1JS43-12-8	HOSE END, FEMALE SWIVEL, SEAL LOK			
48838	1J743-12-8	HOSE END, 45° FEMALE SWIVEL, SEAL LOK			
48839	1J943-12-8	HOSE END, 90° FEMALE SWIVEL, SEAL LOK			
48840	1J943-12-10	HOSE END, 90° FEMALE SWIVEL, SEAL LOK			
48841	1JC43-12-12	HOSE END, FEMALE SWIVEL, SEAL LOK			
48842	1JO43-12-12	HOSE END, MALE, SEAL LOK			
48843	1J143-12-12	HOSE END, 90° FEMALE SWIVEL, SEAL LOK			
48844	1J543-12-12	HOSE END, 90° FEMALE SWIVEL, SEAL LOK			
48845	1J743-12-12	HOSE END, 45° FEMALE SWIVEL, SEAL LOK			
48846	1J943-12-12	HOSE END, 90° FEMALE SWIVEL, SEAL LOK			

Fitting Cross References (Continued)

Genie PN	Parker PN	Description	Genie PN	Parker PN	Description
48892	6 C6LO-S	ELBOW,90°,SWIVEL NUT ORFS	48938	8 R6LO-S	RUN TEE,SWIVEL NUT,ORFS
48893	6 F5OHAQ-S	UNION,STRAIGHT THREAD	48939	8 S6LO-S	BRANCH TEE,SWIVEL NUT TO ORFS
48894	8 WLO-WLNL-S	UNION,BULKHEAD,ORFS	48940	8 WJJLO-WLNL-S	RUN TEE, BULKHEAD,ORFS
48895	DT-370-MSMO-5	VALVE,CHECK	48941	8-4 TRLO-S	REDUCER,TUBE END TO SWIVEL,ORFS
48896	6 JLO-S	UNION,TEE,ORFS	48942	8-6 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS
48897	DT-750-MSMS-5	VALVE,CHECK	48943	8-6 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48898	DT-750-MOMS-5	VALVE,CHECK	48944	8-8 FLO-S	CONNECTOR,MALE PIPE TO ORFS
48899	DT-620-MOMS-5	VALVE,CHECK	48945	8 FTX-S	CONNECTOR,MALE PIPE TO FLARE TUBE
48900	4-6 F5OLO-SW/.035	CONNECTOR,STRAIGHT THREAD TO ORFS, W/.035 ORI	48946	8-10 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48902	16-1 AOE4G-S	ELBOW,90° LONG,FEMALE PIPE TO STRAIGHT THREAD	48947	8-12 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS
48903	1 FF-S	NIPPLE,PIPE	48948	8-12 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48904	4 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS	48949	8-16 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48905	4 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS	48950	10 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS
48906	4 R5OLO-S	RUN TEE,STRAIGHT THREAD	48951	10 CC5OLO-S	ELBOW,90° LONG,STRAIGHT THREAD TO ORFS
48907	4 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS	48952	10 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48908	4 R6LO-S	RUN TEE,SWIVEL NUT,ORFS	48953	10 R5OLO-S	RUN TEE,STRAIGHT THREAD
48909	4 WJJLO-WLNL-S	RUN TEE, BULKHEAD,ORFS	48954	10 S5OLO-S	BRANCH TEE,STRAIGHT THREAD TO ORFS
48910	4 GTX-S W/.030	CONNECTOR,FEMALE PIPE TO FLARE TUBE	48955	10 R6LO-S	RUN TEE,SWIVEL NUT,ORFS
48911	4-6 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS	48956	10-4 TRLO-BL-S	REDUCER,TUBE END TO SWIVEL,ORFS
48912	4-6 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS	48957	10-6 TRLO-BL-S	REDUCER,TUBE END TO SWIVEL,ORFS
48913	4-6 F5OLO-SW/.030	CONNECTOR,STRAIGHT THREAD TO ORFS, W/.030 ORI	48958	10-12 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48914	4-8 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS	48959	12 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS
48915	6 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS	48960	12 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
48916	6 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS	48961	12 R5OLO-S	RUN TEE,STRAIGHT THREAD
48917	6 FF5OLO-S	CONNECTOR,LONG,STRAIGHT THREAD TO ORFS	48962	12 S5OLO-S	BRANCH TEE,STRAIGHT THREAD TO ORFS
48918	6 R5OLO-S	RUN TEE,STRAIGHT THREAD	48963	12 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS
48919	6 S5OLO-S	BRANCH TEE,STRAIGHT THREAD TO ORFS	48964	12 R6LO-S	RUN TEE,SWIVEL NUT,ORFS
48920	6 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS	48965	12 CLO-S	ELBOW,90°,MALE PIPE TO ORFS
48921	6 FLO-S	CONNECTOR,MALE PIPE TO ORFS	48966	12 FLO-S	CONNECTOR,MALE PIPE TO ORFS
48922	6-6 FLO-S	CONNECTOR,MALE PIPE TO ORFS	48967	12 JLO-S	UNION TEE,ORFS
48923	6 P5ON-S	PLUG,STRAIGHT THREAD	48968	12 WLO-WLNL-S	UNION,BULKHEAD,ORFS
48925	6 WELO-S	UNION,90° BULKHEAD,ORFS	48969	12 WJJLO-WLNL-S	RUN TEE, BULKHEAD,ORFS
48926	6-4 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS	48970	12 WELO-WLNL-S	UNION,90° BULKHEAD W/NUT,ORFS
48927	6-4 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS			
48928	6-4 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS			
48929	6-8 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS			
48930	6-8 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS			
48931	6-10 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS			
48932	8 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS			
48933	8 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS			
48934	8 FF5OLO-S	CONNECTOR,LONG,STRAIGHT THREAD TO ORFS			
48935	8 R5OLO-S	RUN TEE,STRAIGHT THREAD			
48936	8 S5OLO-S	BRANCH TEE,STRAIGHT THREAD TO ORFS			
48937	8 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS			

Fitting Cross References (Continued)

Genie PN	Parker PN	Description	Genie PN	Parker PN	Description
48971	12 G5G5JG5-S	TEE,FEMALE STRAIGHT THREAD	49612	PKT02586	O-RING KIT (ORFS FITTINGS)
48972	12 XHL6-S	ADAPTER, 37° MALE TO SWIVEL ORFS	49613	PKT06276	PLUG AND CAP KIT-SERVICE,ORFS
48973	12-1/2 F5OG-S	ADAPTER,FEMALE PIPE TO STRAIGHT THREAD	49728	10143-12-12	HOSE END, MALE PIPE
48974	12-10 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS	49729	16-1 F5OG-S	ADAPTER,FEMALE PIPE TO STRAIGHT THREAD
48975	12-10 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS	49814	12-8 FLO-S	CONNECTOR,MALE PIPE TO ORFS
48976	12-16 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS	49829	DT-500-MOMF-5	VALVE,CHECK
48977	12-16 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS	49831	881-12	HOSE,3/4 INCH ID
48978	12-16 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS	49834	16 JLO-S	UNION TEE,ORFS
48980	12-16 FLO-S	CONNECTOR,MALE PIPE TO ORFS	49838	12-8 TRLO-BL-S	REDUCER,TUBE END TO SWIVEL,ORFS
48983	16 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS	49840	8 JLO-S	UNION TEE,ORFS
48984	16 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS	49844	10-8 TRLO-BL-S	REDUCER,TUBE END TO SWIVEL,ORFS
48985	16 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS	49854	8 P5ON-S	PLUG,STRAIGHT THREAD
48986	16 FLO-S	CONNECTOR,MALE PIPE TO ORFS	49855	1JC43-16-12	HOSE END,FEMALE SWIVEL,SEAL LOK
48988	16 CD45-S	ELBOW,45°,MALE TO FEMALE PIPE	49859	4 P5ON-S	PLUG,STRAIGHT THREAD
48989	12 CD45-S	ELBOW,45°,MALE TO FEMALE PIPE	49861	4 FF5OLO-S	CONNECTOR,LONG,STRAIGHT THREAD TO ORFS
48990	8 CD45-S	ELBOW,45°,MALE TO FEMALE PIPE	49867	12-3/4 F5OG-S	ADAPTER,FEMALE PIPE TO STRAIGHT THREAD
48991	16-12 FLO-S	CONNECTOR,MALE PIPE TO ORFS	51152	6 R6X-S	RUN TEE,SWIVEL NUT,ORFS
48992	16-12 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS	51153	6-4 TRTX-S	REDUCER,TUBE END TO SWIVEL,ORFS
48993	XV501-12	BALL VALVE	51154	4-4 GTX	CONNECTOR,FEMALE PIPE TO FLARE TUBE
48994	XV501-16	BALL VALVE	51264	881-12	HOSE,3/4 INCH ID
48995	XV510P-12	BALL VALVE	51265	8 JLO-S	UNION TEE,ORFS
48996	XV510P-16	BALL VALVE	51508	6 BTX-S	NUT,FLARE TUBE
48997	PD341	DIAGNOSTIC NIPPLE, STRAIGHT THREAD	51580	12-8 TRLO-BL-S	TUBE END REDUCER,ORFS
48998	PD 361	DIAGNOSTIC NIPPLE, STRAIGHT THREAD	51628	6 R6X-S	RUN TEE,SWIVEL NUT,ORFS
48999	DT-500-MOMS-5	VALVE,CHECK	51735	3/8 HHP	PLUG,PIPE THREAD
49201	10 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS	51803	1J943-6-8	HOSE END,90° FEMALE SWIVEL,SEAL LOK
49202	1JC43-12-10	HOSE END,FEMALE SWIVEL,SEAL LOK	53023	125HBL-5-4	FITTING,HOSE BARB TO MALE PIPE
49203	10-8 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS	53497	PKT02585	O-RING KIT
49205	6 F5OHAO-S	UNION,STRAIGHT THREAD	53499	1JC71-16-16	HOSE END,FEMALE SWIVEL,SEAL LOK
49207	PD34BTL	DIAGNOSTIC NIPPLE,SEAL-LOK SWIVEL	53500	3-904	O-RING,STRAIGHT THREAD,-4
49209	8M18F870MX-S	CONNECTOR,METRIC,STRAIGHT THREAD TO FLARE TUBE	53501	3-906	O-RING,STRAIGHT THREAD,-6
49212	8 WGTX-WLN-S	CONNECTOR,BULKHEAD,FEMALE PIPE TO FLARE TUBE	53502	3-908	O-RING,STRAIGHT THREAD,-8
49213	30682-8-8	HOSE END,FEMALE SWIVEL,JIC	53503	3-910	O-RING,STRAIGHT THREAD,-10
49216	831-8	HOSE,1/2 INCH ID			
49217	33982-8-8	HOSE END,90° FEMALE SWIVEL,JIC			
49219	PS-B-35	SLEEVE,NYLON,2.19" ID			
49418	4-6 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS			
49511	DT370-MOMS-5	VALVE,CHECK			
49512	1 DD-S	ELBOW,90°,FEMALE PIPE			
49513	1 FF-S	NIPPLE,PIPE			
49514	10 HP5ON-S	PLUG,STRAIGHT THREAD			
49515	12-16 CLO-S	ELBOW,90°,MALE PIPE TO ORFS			
49517	6 HP5ON-S	PLUG,STRAIGHT THREAD			
49519	16-12 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS			
49520	4 VTX-S	ELBOW,45°,MALE PIPE TO FLARE TUBE			
49530	16 C6LO-S	ELBOW,90°,SWIVEL NUT ORFS			

Fitting Cross References (Continued)

Genie PN	Parker PN	Description	Genie PN	Parker PN	Description
53535	3-912	O-RING, STRAIGHT THREAD, -12	61083	24 F5OLO-S	CONNECTOR, STRAIGHT THREAD TO ORFS
53536	4-PNLO-S	PLUG, TUBE END, ORFS	61086	20 R5OLO-S	RUN TEE, STRAIGHT THREAD
53537	6 PNLO-S	PLUG, TUBE END, ORFS	61090	24-20 F5OLO-S	CONNECTOR, STRAIGHT THREAD TO ORFS
53538	8 PNLO-S	PLUG, TUBE END, ORFS	61091	1J943 24-24	HOSE END, 90° FEMALE SWIVEL, SEAL LOK
53539	10 PNLO-S	PLUG, TUBE END, ORFS	61093	1J978-12-12	HOSE END, 90° FEMALE SWIVEL, JIC
53540	12 PNLO-S	PLUG, TUBE END, ORFS	61095	1JS43-20-16	HOSE END, FEMALE SWIVEL, SEAL LOK
53946	129HB-5-4	FITTING, 90° HOSE BARB TO MALE PIPE	61100	811-24	HOSE, 1 1/2 INCH ID
53951	8-1/4F5OG-S	ADAPTER, FEMALE PIPE TO STRAIGHT THREAD	61130	1JS43-24-24	HOSE END, FEMALE SWIVEL, SEAL LOK
53980	6 S6LO-S	BRANCH TEE, SWIVEL NUT TO ORFS	61131	1JS78 12-12	HOSE END, FEMALE SWIVEL, SEAL LOK
54132	4 C6LO-S	ELBOW, 90°, SWIVEL NUT ORFS	61132	1J778-12-12	HOSE END, 45° FEMALE SWIVEL, JIC
54135	11343-16-16	HOSE END, MALE SWIVEL, PIPE	61152	139HB-6-4	ELBOW, 45°, BARB TO MALE PIPE
54283	8-10 C5OLO-S	ELBOW, 90°, STRAIGHT THREAD TO ORFS	61251	BV-0750	BALL VALVE
54428	8M18C87OMLO-S	ELBOW, 90° METRIC, STRAIGHT THREAD TO ORFS	61259	4 CC5OLO-S	ELBOW, 90° LONG, STRAIGHT THREAD TO ORFS
54803	FS-F-16-10	SLEEVE, FIRE, .96" ID	61260	20-12 TRLO-BL	REDUCER, TUBE END TO SWIVEL, ORFS
54954	10143-2-4	HOSE END, MALE PIPE	61262	12 C6LO-S	ELBOW, 90°, SWIVEL NUT ORFS
55190	3/8 HP-S	PLUG, PIPE THREAD	61263	20 F5OHAO-S	UNION, STRAIGHT THREAD
55448	8 HLO-S	UNION, ORFS	61264	6-10 C5OLO-S	ELBOW, 90°, STRAIGHT THREAD TO ORFS
55839	6 F65OX-S	CONNECTOR, STRAIGHT THREAD TO 37° SWIVEL	61265	6 WNLO-WLNL-S	UNION, BULKHEAD 45°, ORFS
55968	10 C5OX-S	ELBOW, 90°, STRAIGHT THREAD TO FLARE TUBE	61268	4 WNLO-WLNL-S	UNION, BULKHEAD 45°, ORFS
56003	6 CC5OLO-S	ELBOW, 90° LONG, STRAIGHT THREAD TO ORFS	61269	4 WLO-WLNL-S	UNION, BULKHEAD, ORFS
56166	BV-0837	BALL VALVE, 90°	61272	12 AOEL6	ELBOW, 90°, STRAIGHT THREAD TO ORFS SWIVEL
56188	10143-8-6	HOSE END, MALE PIPE	61316	482TC-16	HOSE, 1 INCH ID
56233	2-011	O-RING, ORFS, -4	61321	6 JLO-S	UNION TEE, ORFS
56234	2-012	O-RING, ORFS, -6	61327	782-12	HOSE, 3/4 INCH ID
56235	2-014	O-RING, ORFS, -8	61328	881-24	HOSE, 1 1/2 INCH ID
56236	2-016	O-RING, ORFS, -10	61336	11943-20-24	HOSE END, 90° FLANGE HEAD
56237	2-018	O-RING, ORFS, -12	61345	12 WJJLO-WLNL-S	RUN TEE, BULKHEAD, ORFS
56238	2-021	O-RING, ORFS, -16	61346	8 WNLO-WLNL-S 4	UNION, BULKHEAD 45°, ORFS
56352	6 WLNL-S	LOCKNUT, BULKHEAD	61569	33782-8-8	HOSE END, 45° FEMALE SWIVEL, JIC
56353	3J782-12-12	HOSE END, 45° FEMALE SWIVEL, SEAL LOK	61610	12 FF5OLO-S	CONNECTOR, LONG, STRAIGHT THREAD TO ORFS
56354	3J982-12-12	HOSE END, 90° FEMALE SWIVEL, SEAL LOK	61742	1/8 X 1.5 FFF	NIPPLE, PIPE
56604	10-8 F5OLO-S	CONNECTOR, STRAIGHT THREAD TO ORFS	63426	8 PNTX-S	PLUG, FLARE TUBE
56639	3JC82-10-10	HOSE END, FEMALE SWIVEL, SEAL LOK			
56640	3J982-10-10	HOSE END, 90° FEMALE SWIVEL, SEAL LOK			
56655	3JC82-8-10	HOSE END, FEMALE SWIVEL, SEAL LOK			
56676	10-8 C5OLO-S	ELBOW, 90°, STRAIGHT THREAD TO ORFS			
56776	471TC-6	HOSE, 3/8 INCH ID			
56777	471TC-8	HOSE, 1/2 INCH ID			
56789	811-16	HOSE, 1 INCH ID			
57884	3/8 FF	NIPPLE, PIPE			
59335	6 FNL-S	CAP, TUBE END			
59342	4 FNL-S	CAP, TUBE END			
59371	8 HP5ON-S	PLUG, STRAIGHT THREAD			
60653	BV-0751	BALL VALVE			
60806	125HB-3-4	FITTING, HOSE BARB TO MALE PIPE			
61064	5-1/4 F5OG-S	ADAPTER, FEMALE PIPE TO STRAIGHT THREAD			
61079	4 WELO-WLNL-S	UNION, 90° BULKHEAD W/NUT, ORFS			
61080	6 WLO-WLNL-S	UNION, BULKHEAD, ORFS			

Fitting Cross References (Continued)

Genie PN	Parker PN	Description	Genie PN	Parker PN	Description
64271	4 WLO-WLNL-S	UNION,BULKHEAD,ORFS	75631	801-6	HOSE,3/8 INCH ID
64272	6 WLO-WLNL-S	UNION,BULKHEAD,ORFS	75654	20 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS
65776	8 F65OL-S	CONNECTOR,STRAIGHT THREAD TO ORFS SWIVEL	75655	1J943-20-20	HOSE END,90° FEMALE SWIVEL,SEAL LOK
65880	6001012	O-RING KIT	75656	881-20	HOSE,1-1/4 INCH ID
66154	6 WTX-WLNS	UNION,BULKHEAD,FLARE TUBE	75971	8 F5OHAO-S	UNION,STRAIGHT THREAD
66155	6 WETX-S	UNION,BULKHEAD 90°,FLARE TUBE	77307	1JB43-8-8	HOSE END,BULKHEAD,SEAL LOK
66156	6 WLNL-S	BULKHEAD LOCKNUT	77309	8 WLNL-S	BULKHEAD LOCKNUT
66389	6-8 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE	77379	8M18C87OMX-S	ELBOW,90° METRIC,STRAIGHT THREAD TO FLARE TUBE
66392	6 R5OX-S	RUN TEE,STRAIGHT THREAD	77703	3J982-8-8	HOSE END,90° FEMALE SWIVEL,SEAL LOK
66396	811-12	HOSE,3/4 INCH ID	77711	801-10	HOSE,5/8 INCH ID
66829	H3174PP	CLAMP,TUBE	77758	12 WNLO-WLNL-S	UNION,BULKHEAD 45°,ORFS
67217	4 KLO-S	UNION,CROSS,ORFS	78091	6 C6X-S	ELBOW,90°,SWIVEL NUT TO FLARE TUBE
67339	10-6 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE	78684	30582-8-8B	HOSE END,PUSH LOK,MALE
67357	13943-8-6	HOSE END,90° FEMALE SWIVEL,JIC	78852	549-2	HOSE,1/8 INCH ID
67358	10 HP5ON-S	PLUG,STRAIGHT THREAD	78855	10657-4-2	HOSE END,FEMALE SWIVEL,JIC
67371	12 S6LO-S	BRANCH TEE,SWIVEL NUT TO ORFS	79138	PS-B-37	SLEEVE,NYLON,2.38" ID
67498	4 FNL-S	CAP, TUBE END	79476	1JS43-6-8	HOSE END,FEMALE SWIVEL,SEAL LOK
67906	DC-370-F0F0-5	VALVE,CHECK	79847	12-3/4 A0EG-S	ELBOW,90°,STRAIGHT THREAD TO FEMALE PIPE
69316	8 FLO-S	CONNECTOR,MALE PIPE TO ORFS	80044	8 CLO-S	ELBOW,90°,MALE PIPE TO ORFS
69333	H3174PP	CLAMP,HYDRAULIC HOSE	80502	8 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE
69503	4 F65OX-S	CONNECTOR,STRAIGHT THREAD TO 37° SWIVEL	80503	8 C5OX-S	ELBOW,90°,STRAIGHT THREAD TO FLARE TUBE
69775	8 FNL-S	CAP, TUBE END	81010	AS-B-27	SLEEVE,NYLON,1.63" ID
71038	1/4X1/4F3HG-S	ADAPTER,CONVERSION	83052	821-6	HOSE,3/8 INCH ID
71196	12-8 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS	83053	821-8	HOSE,1/2 INCH ID
71383	1/4 CD45-S	ELBOW,45°,MALE TO FEMALE PIPE	83054	821-12	HOSE,3/4 INCH ID
72270	12FNL-S	CAP, TUBE END	83055	30682-6-6	HOSE END,FEMALE SWIVEL,JIC
73436	60C-4	SLEEVE,COMPRESSION	83056	30682-12-12	HOSE END,FEMALE SWIVEL,JIC
73437	61C-4	NUT,COMPRESSION	83057	33782-6-6	HOSE END,45° FEMALE SWIVEL,JIC
73438	33482-4-4B	HOSE END,PUSH LOK,MALE	83058	33982-6-6	HOSE END,90° FEMALE SWIVEL,JIC
73767	1CD-S	ELBOW,90°,MALE TO FEMALE PIPE	83060	33982-12-12	HOSE END,90° FEMALE SWIVEL,JIC
73768	20-16-F5OG5-S	ADAPTER,FEMALE PIPE TO STRAIGHT THREAD	83063	13743-4-4	HOSE END,45° FEMALE SWIVEL,JIC
73769	16-20 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS			
74660	6-8 F42EDMLO-S	CONNECTOR,MALE BSPP TO ORFS			
74661	8-8 F42EDMLO-S	CONNECTOR,MALE BSPP TO ORFS			
75007	4 FLO-S	CONNECTOR,MALE PIPE TO ORFS			
75008	1/8 HP-S	PLUG,PIPE THREAD			
75014	1/2 HP-S	PLUG,PIPE THREAD			
75042	8 WELO-WLNL-S	UNION,90° BULKHEAD W/NUT,ORFS			
75043	3/4 FF-S	NIPPLE,PIPE			
75254	24 F5OHAO-S	UNION,STRAIGHT THREAD			
75255	12 F5OHAO-S	UNION,STRAIGHT THREAD			
75256	XV506P-24	BALL VALVE			
75574	4 WLNL-S	BULKHEAD LOCKNUT			
75612	8 WJLO-WLNL-S	RUN TEE, BULKHEAD,ORFS			
75613	12-8 F5OG5-S	ADAPTER,FEMALE PIPE TO STRAIGHT THREAD			
75614	8 CC5OLO-S	ELBOW,90° LONG,STRAIGHT THREAD TO ORFS			
75628	1JB43-4-4	HOSE END,BULKHEAD,SEAL LOK			

Fitting Cross References (Continued)

Genie PN	Parker PN	Description	Genie PN	Parker PN	Description
83064	13743-8-8	HOSE END,45° FEMALE SWIVEL,JIC	89449	6 WJLO-WLNL-S	RUN TEE, BULKHEAD,ORFS
83065	13743-12-12	HOSE END,45° FEMALE SWIVEL,JIC	89489	4 WJMLO-S	BRANCH TEE,BULKHEAD,ORFS
83066	13943-8-8	HOSE END,90° FEMALE SWIVEL,JIC	89551	1JB43-6-6	HOSE END,BULKHEAD,SEAL LOK
83067	14143-6-6	HOSE END,90° FEMALE SWIVEL,JIC	89552	1JB43-8-8	HOSE END,BULKHEAD,SEAL LOK
83068	14143-8-8	HOSE END,90° FEMALE SWIVEL,JIC	89593	20 C5OLO-S	ELBOW,90°,STRAIGHT THREAD TO ORFS
83069	14143-12-12	HOSE END,90° FEMALE SWIVEL,JIC	94161	8-8 CLO-S	ELBOW,90°,MALE PIPE TO ORFS
83070	772-8	HOSE,1/2 INCH ID	94358	351TC-12	HOSE,3/4 INCH ID
83071	10671-8-8	HOSE END,FEMALE SWIVEL,JIC	94418	20 FLO-S	CONNECTOR,MALE PIPE TO ORFS
83072	10671-12-12	HOSE END,FEMALE SWIVEL,JIC	96358	12 TX-S	SLEEVE,FLARE TUBE
83073	13771-8-8	HOSE END,45° FEMALE SWIVEL,JIC	96359	12 BTX-S	NUT,FLARE TUBE
83074	13771-12-12	HOSE END,45° FEMALE SWIVEL,JIC	96397	8 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE
83075	13971-8-8	HOSE END,90° FEMALE SWIVEL,JIC	96398	12-8 F5OX-S	CONNECTOR,STRAIGHT THREAD TO FLARE TUBE
83076	13971-12-12	HOSE END,90° FEMALE SWIVEL,JIC	96402	10343-6-6	HOSE END,MALE,JIC
83077	14171-8-8	HOSE END,90° FEMALE SWIVEL,JIC	96407	30382-6-6B	HOSE END,MALE,JIC
83078	14171-12-12	HOSE END,90° FEMALE SWIVEL,JIC			
83080	13943-16-16	HOSE END,90° FEMALE SWIVEL,JIC			
83103	10671-16-12	HOSE END,FEMALE SWIVEL,JIC			
83104	10671-10-12	HOSE END,FEMALE SWIVEL,JIC			
83112	1JC71-8-8	HOSE END,FEMALE SWIVEL,SEAL LOK			
83113	1JS71-16-12	HOSE END,FEMALE SWIVEL,SEAL LOK			
83114	1JS71-10-12	HOSE END,FEMALE SWIVEL,SEAL LOK			
83115	1J971-8-8	HOSE END,90° FEMALE SWIVEL,SEAL LOK			
83116	1J171-8-8	HOSE END,90° FEMALE SWIVEL,SEAL LOK			
83117	1J771-8-8	HOSE END,45° FEMALE SWIVEL,SEAL LOK			
83127	1J543-6-8	HOSE END,90° FEMALE SWIVEL,JIC			
83128	1JC43-6-8	HOSE END,FEMALE SWIVEL,SEAL LOK			
87033	12-6 TRLO-S	REDUCER,TUBE END TO SWIVEL,ORFS			
87034	3J782-8-8	HOSE END,45° FEMALE SWIVEL,SEAL LOK			
87172	12 HP5ON-S	PLUG,STRAIGHT THREAD			
87185	8 WNLO-WLNL-S	UNION,BULKHEAD 45°,ORFS			
87246	4 C6X-S	ELBOW,90°,SWIVEL NUT TO FLARE TUBE			
87679	6 LHP-S	FLANGE SEAL FITTING, MALE			
87681	6PLS N0702	BONDED SEAL			
88100	SR88100	ADAPTER,OIL DRAIN,GM 3.0L			
88311	1JS43-20-20	HOSE END,FEMALE SWIVEL,SEAL LOK			
88353	20 V5OLO-S	ELBOW,45°,STRAIGHT THREAD TO ORFS			
88474	10081-20	Crimp Shell, 1.25"			
88475	1988-20-24	HOSE END,90° FLANGE HEAD			
88476	JS88-24-24	HOSE END,FEMALE SWIVEL,SEAL LOK			
88477	1JC88-20-20	HOSE END,FEMALE SWIVEL,SEAL LOK			
88478	811-20	HOSE,11/4 INCH ID			
88936	20-16 F5OLO-S	CONNECTOR,STRAIGHT THREAD TO ORFS			
88937	20-16 FLO-S	CONNECTOR,MALE PIPE TO ORFS			
88938	1JC88-16-16	HOSE END,FEMALE SWIVEL,SEAL LOK			
88939	1J988-16-16	HOSE END,90° FEMALE SWIVEL,ORFS			
88940	811-16	HOSE,1 INCH ID			
88944	1J988-20-20	HOSE END,90° FEMALE SWIVEL,ORFS			
89403	16 VLO-S	ELBOW,45°,MALE PIPE TO ORFS			

California Proposition 65



WARNING

Operating, servicing and maintaining this equipment can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. These chemicals can be emitted from or contained in other various parts and systems, fluids and some component wear by-products. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your equipment and vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your equipment or vehicle and after operation. For more information go to www.P65Warnings.ca.gov/passenger-vehicle.

Breathing diesel engine exhaust exposes you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

- Always start and operate the engine in a well-ventilated area.
- If in an enclosed area, vent the exhaust to the outside.
- Do not modify or tamper with the exhaust system.
- Do not idle the engine except as necessary.

For more information go to

www.P65warnings.ca.gov/diesel.

Parts Manual

Z-135/70

From SN 100 to 2000

Part No.
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